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# Dosing Pumps

Dosing pumps are used for the transfer of an identified liquid. This transfer is usually provided from one container to another container or process. Dosing pumps allow transfers to open containers, closed containers and pressure lines.

With its high-precision microcontroller control and solenoid technology, AnTech dosing pumps offer models that can provide dosing with a precision of less than 0.1 ml. The models are available which can provide dosing up to 25 liters per hour at a counter pressure of 5 bars for high dosing needs and up to 3.5 liters per hour at a counter pressure of 20 bars for high-pressure dosing needs.

For mechanical diaphragm dosing pumps, it offers a wide range of products which can provide dosing up to between 1.4-14 and  $4.9-49 \, liters \, per \, hour \, at a counter \, pressure \, of \, 5 \, bars \, and \, up \, to \, between \, 5-50 \, and \, 15-150 \, liters \, per \, hour \, at a \, counter \, pressure \, of \, 7 \, bars.$ 





# **NOVA A**

#### Analog, Fluid Level Controlled, 1/10 & 1/100 Precision Adjustable Dosing Pump

- · Design with adjustable stroke rate with potentiometer on it
- Solenoid driven technology that can operate between 95-260 VAC and provides automatic adaptation to mains voltage
- Low energy consumption
- · Thanks to its vertically mounted design and mounting foot on the chemical tank, alternative mounting, easy and flexible installation - use
- $\,\cdot\,$  All-plastic IP65 body for high resistance to corrosive chemicals
- Electromagnet controlled by electronic circuit and long-life Teflon (PTFE) diaphragm
- · Reduced maintenance thanks to zirconium ball design
- · With PVDF injection and suction accessories
- · Easily detachable power cord connection
- · 2 inputs for liquid level control
- Easy adjustment button for 1/10 and 1/100 precision dosing levels

Stock Code	Model	Lt/H	Max. Cour Pressure/	Package Sizes/cm W-L-H	Packed Weight/Kg
306110010302000 DP NOVA	A 10L/10B VACFAT	10	10	23 x 32 x 23	4,10
306103520302000 DP NOVA	A 3,5L/20B VACFAT	3,5	20	23 x 32 x 23	4,10
306125005302000 DP NOVA	A 25L/5B VACFAT	25	5	23 x 32 x 23	4,10

The above products and the following spare parts are standard Viton O-Ring models. Please contact with us for EPDM and TEFLON options.

	Stock Code	Stock Name	Description	Included in Package
O	600110800131000   SUCTION SET 4X6 PS		Pvdf Suction Set With 4X6 mm Connection And Level Sensor With Viton Oring. For 3.5L/20B And 10L/10B Models	$\checkmark$
P	600110700323000   INJECTION SET 4X7 P		Pvdf Injection Set With 4X7 mm Connection With Viton Oring. For 3.5L/20B And 10L/10B Models.	$\checkmark$
	600110500110000   HOSE SET V 4X7		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 3,5L/20B And 10L/10B Models	<b>✓</b>
	600110800531000   SUCTION SET 9X12 PS		Pvdf Suction Set With 9X12 mm Connection And Level Sensor With Viton Oring.For 25L/5B Models	<b>/</b>
8	600110700343000   INJECTION SET 9X12 P		Pvdf Injection Set With 9X12 mm Connection With Viton Oring. For 25L/5B Models	<b>✓</b>
	600110500120000   HOSE SET V 9X12		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 25L/5B Models	$\checkmark$
-	600110400700000   MOUNTING SET DP NO	VA	Set Of Screws And Anchors For Wall Mounting. For All Models	<b>✓</b>
	500010079100010   BASE FIXING BRACKET	DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	<b>/</b>
	600110200100042   HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 3.5L/20B And 10L/10B Models (Optional)	X



# **NOVA D**

#### Digital, Fluid Level - Flow Controlled & Volumetric Dosing Pump

- · LCD display and easy to use keys, rapid shortcut for air bleeding mode
- Solenoid driven technology that can operate between 95-260 VAC and provides automatic adaptation to mains voltage
- Less maintenance thanks to zirconium ball and long-lasting Teflon (PTFE) diaphragm
- · Manual operation, Real-time operation,
- · Operation with signal input and signal ratio with water meters and flow meters,
- 4-20 mA/ 20-4 mA/0-20 mA/ 20-0 mA-controlled operation with analog input
- · Ability to operate with volumetric ppm operating system,
- · Operating with periodic operating system, operating with trigger operating system,
- Capacity unit options (Lt/H Stroke/Minute Stroke/Hour %)
- · Chemical and water level sensor inputs and flow sensor inputs
- · Capacity calibration, Operation limitation feature, Stroke feedback setting
- · ModBus RTU (RS485) communication input, Alarm notification and alarm output,
- · Password Protection, PT100 sensor input

Stock Code	Model	Lt/H	Max. Count Pressure/B	Package Sizes/cm W-L-H	Packed Weight/Kg
306210010302000 DP NOVA D	10L/10B VACFAT	10	10	23 x 32 x 23	4,10
306203520302000   DP NOVA D	3,5L/20B VACFAT	3,5	20	23 x 32 x 23	4,10
306225005302000 DP NOVA D	25L/5B VACFAT	25	5	23 x 32 x 23	4,10

The above products and the following spare parts are standard Viton O-Ring models. Please contact with us for EPDM and TEFLON options.

	Stock Code	Stock Name	Description	Included in Package
O	600110800131000 SUCTION SET 4X6 PS		Pvdf Suction Set With 4X6 mm Connection And Level Sensor With Viton Oring. For 3.5L/20B And 10L/10B Models	<b>/</b>
8	600110700323000   INJECTION SET 4X7 P		Pvdf Injection Set With 4X7 mm Connection With Viton Oring. For 3.5L/20B And 10L/10B Models.	<b>/</b>
	600110500110000   HOSE SET V 4X7		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 3,5L/20B And 10L/10B Models	<b>/</b>
O	600110800531000 SUCTION SET 9X12 PS		Pvdf Suction Set With 9X12 mm Connection And Level Sensor With Viton Oring.For 25L/5B Models	<b>/</b>
	600110700343000   INJECTION SET 9X12 P		Pvdf Injection Set With 9X12 mm Connection With Viton Oring. For 25L/5B Models	<b>/</b>
	600110500120000 HOSE SET V 9X12		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 25L/5B Models	<b>/</b>
N.	600110400700000   MOUNTING SET DP NOV	/A	Set Of Screws And Anchors For Wall Mounting. For All Models	<b>✓</b>
A	500010079100010 BASE FIXING BRACKET	DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models	<b>/</b>
40	610103050000002   CABLE SET SIGNAL EXT	TERNAL DP NOVA	Plug-in Cable Set For Digital And Analog input-Output. For All Models	×
	510011087010000   ELECTRONIC CARD MOI	DUL DP NOVA COMM V1.0	Additional Module For Modbus Rtu (Rs485) Communication For All Models	×
	600110200100042   HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 3.5L/20B And 10L/10B Models (Optional)	×



# **NOVA DMPR**

# Digital, PH/ORP Measured & Liquid Level - Flow Controlled Dosing Pump

- · LCD display and easy to use keys, rapid shortcut for Air bleeding mode, Password Protection
- Solenoid driven technology that can operate between 95-260 VAC and provides automatic adaptation to mains voltage
- · Less maintenance thanks to zirconium ball and long-lasting Teflon (PTFE) diaphragm
- · Proportional operation according to Ph or orp measurement, Sensor calibration
- · Traceability of measurement values with 4-20 mA output
- · Manual operation, Real-time operation,
- · Operation with signal input and signal ratio with water meters and flow meters,
- · 4-20 mA/ 20-4 mA/0-20 mA/ 20-0 mA-controlled operation with analog input,
- · Ability to operate with volumetric ppm operating system,
- · Operating with periodic operating system, operating with trigger operating system,
- Capacity unit options (Lt/H Stroke/Minute Stroke/Hour %)
- Chemical and water level sensor inputs and flow sensor inputs, PT100 sensor input
- · Capacity calibration, Operation limitation feature, Stroke feedback setting
- · Alarm notification and alarm output, ModBus RTU (RS485) communication input

Stock Code	Model	Lt/H	Max. Counte Pressure/Ba		n Packed Weight/Kg
306310010302000 DP NOVA	DMPR 10L/10B VACFAT	10	10	23 x 32 x 23	4,10
306303520302000 DP NOVA	DMPR 3,5L/20B VACFAT	3,5	20	23 x 32 x 23	4,10
306325005302000 DP NOVA	DMPR 25L/5B VACFAT	25	5	23 x 32 x 23	4.10

The above products and the following spare parts are standard Viton O-Ring models. Please contact with us for EPDM and TEFLON options.

	Stock Code	Stock Name	Description	Included in Package
O	600110800131000 SUCTION SET 4X6 PS		Pvdf Suction Set With 4X6 mm Connection And Level Sensor With Viton Oring. For 3.5L/20B And 10L/10B Models	<b>/</b>
P	600110700323000   INJECTION SET 4X7 P		Pvdf Injection Set With 4X7 mm Connection With Viton Oring. For 3.5L/20B And 10L/10B Models.	
	600110500110000 HOSE SET V 4X7		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections. For 3,5L/20B And 10L/10B Models	<b>/</b>
	600110800531000 SUCTION SET 9X12 PS		Pvdf Suction Set With 9X12 mm Connection And Level Sensor With Viton Oring.For 25L/5B Models	
8	600110700343000   INJECTION SET 9X12 P		Pvdf Injection Set With 9X12 mm Connection With Viton Oring. For 25L/5B Models	<b>/</b>
	600110500120000 HOSE SET V 9X12		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 25L/5B Models	
7	600110400700000   MOUNTING SET DP NO	VA	Set Of Screws And Anchors For Wall Mounting. For All Models	<b>/</b>
A	500010079100010 BASE FIXING BRACKET	DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	
40	610103050000002   CABLE SET SIGNAL EX	TERNAL DP NOVA	Plug-in Cable Set For Digital And Analog input-Output. For All Models.	×
	510011087010000   ELECTRONIC CARD MO	DUL DP NOVA COMM V1.0	Additional Module For Modbus Rtu (Rs485) Communication For All Models	X
S	600110200100042   HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 3.5L/20B And 10L/10B Models (Optional)	×

<sup>\*</sup> See page 17 for other auxiliary equipment.



# **NOVA DMÍA**

#### Digital, FCl Measured, Liquid Level-Flow Controlled & Volumetric Dosing Pump

- LCD display and easy to use keys, rapid shortcut for Air bleeding mode, Password Protection
- Solenoid driven technology that can operate between 95-260 VAC and provides automatic adaptation to mains voltage
- · Less maintenance thanks to zirconium ball and long-lasting Teflon (PTFE) diaphragm
- · Proportional operation according to the measurement of Ampermetric Free Chlorine, Sensor calibration
- · Free Chlorine, Chlorine Dioxide, Hydrogen Peroxide, Peracetic Acid measurements
- Traceability of measurement values with 4-20 mA output
- · Manual-proportional operation, Real-time operation,
- · Operation with signal input and signal ratio with water meters and flow meters,
- 4-20 mA/ 20-4 mA/0-20 mA/ 20-0 mA-controlled operation with analog input,
- · Ability to operate with volumetric ppm operating system,
- · Operating with periodic operating system, operating with trigger operating system,
- Capacity unit options (Lt/H Stroke/Minute Stroke/Hour %)
- · Chemical and water level sensor inputs and flow sensor inputs, PT100 sensor input
- · Capacity calibration, Operation limitation feature, Stroke feedback setting
- · Alarm notification and alarm output, ModBus RTU (RS485) communication input

Stock Code	Model	Lt/H	Max. Cour Pressure/	Package Sizes/cm W-L-H	Packed Weight/Kg
306410010302000 DP NOVA	DMIA 10L/10B VACFAT	10	10	23 x 32 x 23	4,10
306403520302000 DP NOVA	DMIA 3,5L/20B VACFAT	3,5	20	23 x 32 x 23	4,10
306425005302000 DP NOVA	DMIA 25L/5B VACFAT	25	5	23 x 32 x 23	4,10

The above products and the following spare parts are standard Viton O-Ring models. Please contact with us for EPDM and TEFLON options.

	Stock Code	Stock Name	Description	Included in Package
O	600110800131000 SUCTION SET 4X6 PS		Pvdf Suction Set With 4X6 mm Connection And Level Sensor With Viton Oring. For 3.5L/20B And 10L/10B Models	<b>/</b>
8	600110700323000   INJECTION SET 4X7 P		Pvdf Injection Set With 4X7 mm Connection With Viton Oring. For 3.5L/20B And 10L/10B Models.	
	600110500110000 HOSE SET V 4X7		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections. For 3,5L/20B And 10L/10B Models	<b>/</b>
O	600110800531000 SUCTION SET 9X12 PS		Pvdf Suction Set With 9X12 mm Connection And Level Sensor With Viton Oring.For 25L/5B Models	
	600110700343000   INJECTION SET 9X12 P		Pvdf Injection Set With 9X12 mm Connection With Viton Oring. For 25L/5B Models	<b>/</b>
	600110500120000 HOSE SET V 9X12		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 25L/5B Models	
N.	600110400700000   MOUNTING SET DP NOVA	4	Set Of Screws And Anchors For Wall Mounting. For All Models	<b>/</b>
A	500010079100010 BASE FIXING BRACKET D	Р	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	
40	610103050000002 CABLE SET SIGNAL EXTE	ERNAL DP NOVA	Plug-in Cable Set For Digital And Analog input-Output. For All Models.	×
	510011087010000   ELECTRONIC CARD MODI	UL DP NOVA COMM V1.0	Additional Module For Modbus Rtu (Rs485) Communication For All Models	×
	600110200100042   HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 3.5L/20B And 10L/10B Models (Optional)	×

<sup>\*.</sup> See page 10 for other auxiliary equipment.

# Electromagnetic Dosing Pumps Nova Series

# **AUXILIARY EQUIPMENT FOR NOVA SERIES**

Stock Code	Model		Picture and Description
704421000000014	STN ELEKTRODE FCL/O 5 PPM SELECTIVE		0-5 Ppm Selective Free Chlorine Sensor
704421000000013	STN ELEKTRODE FCL/O 2 PPM SELECTIVE		0-2 Ppm Selective Free Chlorine Sensor
704421000000016	STN ELECTRODE CLO2/0 10 PPM SELECTIVE		0-10 Ppm Selective Chlorine Dioxide Sensor
704421000000018	STN ELECTRODE H2O2/0 500 PPM SELECTIVE		0-500 Ppm Selective Hydrogen Peroxide Sensor.
600510010111000	AMPEROMETRIC FREE CHLORINE CELL	W	0-10 Ppm Amperometric Free Chlorine Electrode (Cu-Pt)
600112521000250	ELECTRODE HOUSING 2-25MM		Flow Housing With Selective Electrode input.
600110400500010	MOUNTING SET OF ELECTROD HOUSING 2		Connection Parts For Selective Electrode Input Housing.
600112510030000	ELECTRODE HOUSING SET 1SL	-1 11 100	Housing With Selective Electrode input. With Dirt Trap Pre Filter-Ed And Sampling Valve.
600110400100010	MOUNTING SET FOR SYSTEM 2		Connection Parts For Housing With Selective Electrode Input, Dirt Trap Pre Filter-Ed And Sampling Valve
410250010000000	DP PULSE CHECKER 0,6 MT		Auxiliary Equipment Sensing Chemical Flow in The Discharge Line Of The Dosing Pump. For All Nova Digital Models

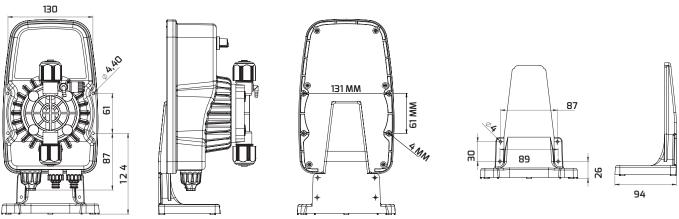
The sensors and holders in the above table are valid for the Nova DMIA series.

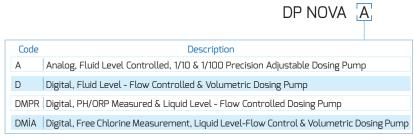
For Nova DMPR, probe holder sets on page 17 can be used.

Contact with us for more sensor and holder selections specific to different processes.

# **NOVA SERIES PUMP SPECIFICATIONS**

٨	Model	Max./Lt	Max./P	Stroke/dk	ml /Stroke		Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.
		Lt / h	Bar	stroke	ml	mm	mm	Volt	W	kg	IP	БC
А	10L/10B	10 13 15 20	10 8 5 2	300	0,556 0,722 0,833 1,111	4x6	4x7		25			5-4
D DMPR	3,5L/20B	3,5 4 5 8,5	20 16 10 2	150	0,389 0,444 0,556 0,944	4x6	4x7	95-260V AC 50-60 HZ	15	2,9	65	For Ambient: 0-45 Chemical: 0-40
DMİA	25L/5B	25 30 40 55	5 3 1 0,1	300	1,389 1,667 2,222 3,056	9x12	9x12		27			





Code	Description
10L/10B	*It can dose maximum 10 liters against to maximum 10 bar counter pressure.
3,5L/20B	*It can dose maximum 3,5 liters against to maximum 20 bar counter pressure.
25L/5B	*It can dose maximum 25 liters against to maximum 5 bar counter pressure.

Code	Pump Head	Suction Injection Set	0-Rings	Injection Hose	Suction-Air Bleed Hose	Bleeding Output
V	PVDF	PVDF	Viton	PE	PVC	Manual
Е	PVDF	PVDF	EPDM	PE	PVC	Manual
0-V	PVDF	PVDF	Viton	PE	PVC	*Automatic

10L/10B

Applies to 10L/10B and 3.5L/20B capacity models.

**V**ACFAT

# Electromagnetic Dosing Pumps Lara Series



# LARA A

#### Analog, Dosing Pump with on-off button

- · Design with adjustable stroke rate with potentiometer on it
- On/Off Button
- Thanks to vertical-mounted design easy and flexible installation and operation
- PVDF head set with high resistance to corrosive chemicals and all IP65 body
- Electromagnet controlled by electronic circuit and long-life Teflon (PTFE) diaphragm

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- · Reduced maintenance thanks to zirconium ball design
- · With injection and suction accessories

Stock Code	Model	Lt/H	Max. Coun Pressure/	Package Sizes/cm W-L-H	١	Packed Weight/Kg
301102010101000 DP LARA	A 2L/10B V220FAT	2	10	23 x 28 x 21		2,95
301105007101000 DP LARA	A 5L/7B V220FAT	5	7	23 x 28 x 21		2,95
301110005101000 DP LARA	A 10L/5B V220FAT	10	5	23 x 28 x 21		2,95
301102020101000 DP LARA	A 2L/20B V220FAT	2	20	23 x 28 x 21		2,95

The above products and the following spare parts are standard Viton O-Ring models. Please contact with us for EPDM and TEFLON options.

	Stock Code	Stock Name	Description	-	ncluded Package
Ì	600110800110000 SUCTION SET 4X6 V		Pp Suction Set With 4X6 mm Connection With Viton Oring. For All Models		<b>/</b>
#	600110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.		<b>/</b>
	600110500100000 HOSE SET V		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models		<b>✓</b>
#	600110700321000   INJECTION SET 4X7 V		Pp Injection Set With 4X7 mm Connection With Viton Orign For 2L/20B Models.		<b>/</b>
	600110500110000 HOSE SET V 4X7		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models.		<b>✓</b>
Ž4	600511010120100 YP CHECK VALVE SET 4	4050 VITON	Up and Down Viton Checkvalve sets for Head Sets 40 and 50		<b>/</b>
	600110200100042   HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 2L/20B Model		X

<sup>\*:</sup> For models with PVDF kits. Indicate during your order



# LARA APS

## Analog, Fluid Level Controlled & 1/10 Adjustable Dosing Pump

- · Design with adjustable stroke rate with potentiometer on it
- Fluid level control
- 1/10 adjustment button
- Thanks to vertical-mounted design easy and flexible installation and operation
- · All-plastic body for high resistance to corrosive chemicals
- Electromagnet controlled by electronic circuit and long-life Teflon (PTFE) diaphragm
- · Reduced maintenance thanks to zirconium ball design
- With injection and suction accessories

Stock Code	Model	Lt/H	Max. Cour Pressure/	Package Sizes/cm W-L-H	١	Packed Weight/Kg
301302010101000 DP LARA	APS 2L/10B V220FAT	2	10	23 x 28 x 21		3,00
301305007101000 DP LARA	APS 5L/7B V220FAT	5	7	23 x 28 x 21		3,00
301310005101000 DP LARA	APS 10L/5B V220FAT	10	5	23 x 28 x 21		3,00
301302020101000 DP LARA	APS 2L/20B V220FAT	2	20	23 x 28 x 21		3,00

The above products and the following spare parts are standard Viton O-Ring models. Please contact with us for EPDM and TEFLON options.

	Stock Code	Stock Name	Description	cluded in Package
O	600110800111000 SUCTION SET 4X6 VS		Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.	<b>/</b>
#	600110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	<b>/</b>
	600110500100000 HOSE SET V		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	<b>/</b>
#	600110700321000   INJECTION SET 4X7 V		Pp Injection Set With 4X7 mm Connection With Viton Orign For 2L/20B Models.	<b>/</b>
	600110500110000 HOSE SET V 4X7		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models.	<b>/</b>
Ta	600511010120100 YP CHECK VALVE SET 4	050 VITON	Up and Down Viton Checkvalve sets for Head Sets 40 and 50	<b>/</b>
	600110200100042   HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 2L/20B Models. (Optional)	×

<sup>\*:</sup> For models with PVDF kits. Indicate during your order

# Electromagnetic Dosing Pumps Lara Series



# LARA DS

#### Digital, Timed, Liquid Level - Flow Controlled Dosing Pump

- · Precise dosing with digital display and Micro controller technology
- · Timed operation mode
- · User password parameter
- · Easy menu access thanks to button technology
- · 2 BNC inputs that can be set to fluid level control or flow control
- · Thanks to vertical-mounted design easy and flexible installation and operation
- · All-plastic body for high resistance to corrosive chemicals
- · Electromagnet controlled by electronic circuit and long-life Teflon (PTFE) diaphragm

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- · Reduced maintenance thanks to zirconium ball design
- · With PP injection and suction accessories with liquid level sensor

Stock Code	Model	Lt/H	Max. Cour Pressure/	Package Sizes/cm W-L-H	Packed Weight/Kg
301402010101000 DP LARA	DS 2L/10B V220FAT	2	10	23 x 28 x 21	3,10
301405007101000 DP LARA	DS 5L/7B V220FAT	5	7	23 x 28 x 21	3,10
301410005101000 DP LARA	DS 10L/5B V220FAT	10	5	23 x 28 x 21	3,10
301402020101000 DP LARA	DS 2L/20B V220FAT	2	20	23 x 28 x 21	3,10

 $The above products and the following spare parts are standard\ Viton\ O-Ring\ models.\ Please\ contact\ with\ us\ for\ EPDM\ and\ TEFLON\ options.$ 

	Stock Code	Stock Name	Description	-	ncluded Package
60	00110800111000 SUCTION SET 4X6 VS		Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.		<b>✓</b>
<b>§</b>   60	00110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.		<b>/</b>
60	00110500100000 HOSE SET V	I	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models		<b>✓</b>
<b>å</b>   60	00110700321000   INJECTION SET 4X7 V		Pp Injection Set With 4X7 mm Connection With Viton Orign For 2L/20B Models.		<b>/</b>
60	00110500110000 HOSE SET V 4X7	I	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models		<b>/</b>
60	00511010120100   YP CHECK VALVE SET 40	050 VITON	Up and Down Viton Checkvalve sets for Head Sets 40 and 50		<b>/</b>
60	00110200100042   HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 2L/20B Models (Optional)		×

<sup>\*:</sup> For models with PVDF kits. Indicate during your order



# LARA DMS

#### Digital, Volumetric, Timed, Liquid Level - Flow Controlled Dosing Pump

- · Precise dosing with digital display and Micro controller technology
- Timed operation mode
- User password parameter
- · Volumetric proportional control when connected to water meter
- 4-20 mA analog input, liquid level control alarm relay
- · Thanks to vertical-mounted design easy and flexible installation and operation
- · All-plastic body for high resistance to corrosive chemicals
- Electromagnet controlled by electronic circuit and long-life Teflon (PTFE) diaphragm
- · Reduced maintenance thanks to zirconium ball design
- · With PP injection and suction accessories with liquid level sensor

Stock Code	Model	Lt/H	Max. Coun Pressure/	Package Sizes/cm W-L-H	,	Packed Weight/Kg
301602010101000 DP LARA I	)MS 2L/10B V220FAT	2	10	23 x 28 x 21		3,15
301605007101000 DP LARA	DMS 5L/7B V220FAT	5	7	23 x 28 x 21		3,15
301610005101000 DP LARA I	OMS 10L/5B V220FAT	10	5	23 x 28 x 21		3,15
301602020101000 DP LARA I	DMS 2L/20B V220FAT	2	20	23 x 28 x 21		3,15

The above products and the following spare parts are standard Viton O-Ring models. Please contact with us for EPDM and TEFLON options.

	Stock Code	Stock Name	Description	 icluded in Package
	600110800111000 SUCTION SET 4X6 VS		Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.	<b>/</b>
#	600110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	<b>/</b>
	600110500100000 HOSE SET V		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	<b>/</b>
#	600110700321000   INJECTION SET 4X7 V		Pp Injection Set With 4X7 mm Connection With Viton Orign For 2L/20B Models.	<b>/</b>
	600110500110000 HOSE SET V 4X7		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models	<b>/</b>
14	600511010120100 YP CHECK VALVE SET	4050 VITON	Up and Down Viton Checkvalve sets for Head Sets 40 and 50	<b>/</b>
	610103050000001 CABLE SET SIGNAL EX	TERNAL DP LARA	Cable Set With Mic Connection For Signal inputs And Alarm Output.	<b>/</b>
	600110200100042 HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 2L/20B Models (Optional)	X

<sup>\*:</sup> For models with PVDF kits. Indicate during your order

# 2 Electromagnetic Dosing Pumps Lara Series



# **LARA PR**

## Digital, pH/ORP, Volumetric, Timed, Liquid Level-Flow Controlled Dosing Pump

- · Precise dosing with digital display and Micro controller technology
- · Timed operation mode
- User password parameter
- Redox or PH measurement with standard combined electrodes
- · Fully digital automatic calibration using buffer liquid
- To be able to enter measurement value definition time at opening (0 60 min.)
- Volumetric proportional dosing when connected to the water meter or flow meters
- · 4-20 mA analog input, liquid level control alarm relay
- · Fluid level control,
- · Thanks to vertical-mounted design easy and flexible installation and operation
- · All-plastic body for high resistance to corrosive chemicals
- Electromagnet controlled by electronic circuit and long-life Teflon (PTFE) diaphragm
- · Reduced maintenance thanks to zirconium ball design
- · With PP injection and suction accessories with liquid level sensor

Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	Packed Weight/Kg
301002010101000 DP L	LARA PR 2L/10B V220FAT	2	10	23 x 28 x 21	3,60
301005007101000 DP L	LARA PR 5L/7B V220FAT	5	7	23 x 28 x 21	3,60
301010005101000 DP L	LARA PR 10L/5B V220FAT	10	5	23 x 28 x 21	3,60
301002020101000 DP L	LARA PR 2L/20B V220FAT	2	20	23 x 28 x 21	3,60

The above products and the following spare parts are standard Viton O-Ring models. Please contact with us for EPDM and TEFLON options. You can make chose the accessory from the probe holder table on page 17

	Stock Code	Stock Name	Description	 cluded in Package
	600110800111000 SUCTION SET 4X6 VS		Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.	<b>/</b>
#	600110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	<b>/</b>
	600110500100000 HOSE SET V		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	<b>✓</b>
#	600110700321000   INJECTION SET 4X7 V		Pp Injection Set With 4X7 mm Connection With Viton Orign For 2L/20B Models.	<b>/</b>
	600110500110000 HOSE SET V 4X7		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models	<b>/</b>
14	600511010120100 YP CHECK VALVE SET 4	4050 VITON	Up and Down Viton Checkvalve sets for Head Sets 40 and 50	<b>/</b>
	610103050000001 CABLE SET SIGNAL EX	TERNAL DP LARA	Cable Set With Mic Connection For Signal inputs And Alarm Output.	X
	600110200100042 HEAD SET 40V AUTO		Viton Head set With Automatic Air Bleeding Valve For 2L/20B Models (Optional)	×

<sup>\*:</sup> For models with PVDF kits. Indicate during your order

# LARA PR PROBE HOLDER SETS

Stock Code	Model	Description
410150011100001	PROBE HOLDER SET P15	Electrode Ph 6M Sensor Xs + Submersible Probe Holder +Calibration Solutions Ph
410150011200001	PROBE HOLDER SET P 2 S	Electrode Ph 1M Sensor Xs + Electrode Housing 1 Filtered +CONNECTION KIT FLOW CELL + Calibration Solutions Ph
410150011300001	PROBE HOLDER SET P 3 S	Electrode Ph 6M Sensor Xs + Electrode Fixing Gland 1/2 + Calibration Solutions Ph
410150011400001	PROBE HOLDER SET P 4 S	Electrode Ph 6M Sensor Xs + Probe Holder Hose Type + Calibration Solutions Ph
410150012100001	PROBE HOLDER SET R15	Electrode Orp 6M Sensor Xs + Submersible Probe Holder + Calibration Solutions Orp
410150012200001	PROBE HOLDER SET R 2 S	Electrode Orp 1M Sensor Xs + Electrode Housing 1 Filtered + Electrode Cell Set+ Calibration Solutions
410150012300001	PROBE HOLDER SET R 3 S	Electrode Orp 6M Sensor Xs + Electrode Fixing Gland 1/2 + Calibration Solutions Orp
410150012400001	PROBE HOLDER SET R 4 S	Electrode Orp 6M Sensor Xs + Probe Holder Hose Type + Calibration Solutions Orp
410150021100001	PROBE HOLDER SET P1E	Electrode Ph 6M E + Submersible Probe Holder + Calibration Solutions Ph
410150021200001	PROBE HOLDER SET P 2 E	Electrode Ph 1M E + Electrode Housing 1 Filtered + Electrode Cell Mounting Calibration Solutions Ph
410150021300001	PROBE HOLDER SET P 3 E	Electrode Ph 6M E + Electrode Fixing Gland 1/2 + Calibration Solutions Ph
410150021400001	PROBE HOLDER SET P 4 E	Electrode Ph 6M E + Probe Holder Hose Type + Calibration Solutions Ph
410150022100001	PROBE HOLDER SET R1E	Electrode Orp GM E + Submersible Probe Holder + Calibration Solutions Orp
410150022200001	PROBE HOLDER SET R 2 E	Electrode Orp 1M E + Electrode Housing 1 Filtered + Electrode Cell Mounting Calibration Solutions Orp
410150022300001	PROBE HOLDER SET R 3 E	Electrode Orp 6M E + Electrode Fixing Gland 1/2 + Calibration Solutions Orp
410150022400001	PROBE HOLDER SET R 4 E	Electrode Orp 6M E + Probe Holder Hose Type + Calibration Solutions Orp

## **Electrode Holders**



Stock Code : 410030010000000 Stock Name : SUBMERSIBLE PROBE HOLDER



4

Stock Code : 410190021100001 Stock Name : ELECTRODE FIXING GLAND 1/212MM PP

Stock Code : 600112511010120 Stock Name : ELECTRODE HOUSING 1 FILTERED



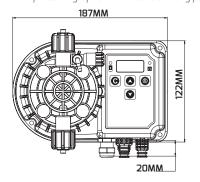
Stock Code : 410030020000000 Stock Name : PROBE HOLDER PIPE TYPE

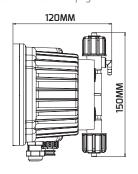
# Electromagnetic Dosing Pumps Lara Series

# **LARA SERIES SPECIFICATIONS**

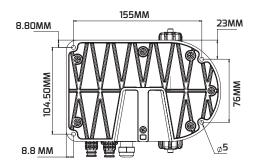
M	odel	Max./Lt	Max./P	Stroke/dk	ml /Stroke	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.		
		Lt / h	Bar	stroke	ml	mm	mm	Volt	W	kg	IP	ōС		
А	2L/10B	2	10	120	0,278	4x6	4x6							
APS DS	5L/7B	5	7	120	0,694	4x6	4x6	230V AC	17	2,2	65	For Ambient: 0-45 For Chemical:		
DMS	10L/5B	10	5	150	1,111	4x6	4x6	50 Hz				0-40		
PR	2L/20B	2	20	120	0,278	4x6	4x7							

Flow-pressure graphs of Lara series dosing pumps can be found on page 197.





DP LARA A



2L/10B

V<sub>220FAT</sub>

Code	Description
Α	Analog, On/Off Button Dosing Pump
APS	Analog, Fluid Level Controlled & 1/10 Adjustable Dosing Pump
DS	Digital, Timed, Liquid Level - Flow Controlled Dosing Pump
DMS	Digital, Volumetric, Timed, Liquid Level - Flow Controlled Dosing Pump
PR	Digital, pH/ORP, Volumetric, Timed, Liquid Level - Flow Controlled Dosing Pump

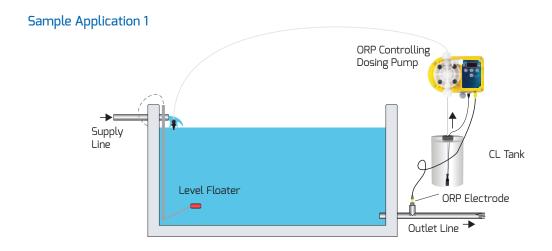
etric, Time	ed, Liquid Level - Flow Controlled Dosing Pump	
Code	Description	
2L/10B	It can dose maximum 2 liters against to maximum 10 bar counter pressure.	
5L/7B	It can dose maximum 5 liters against to maximum 7 bar counter pressure.	
10L/5B	It can dose maximum 10 liters against to maximum 5 bar counter pressure.	

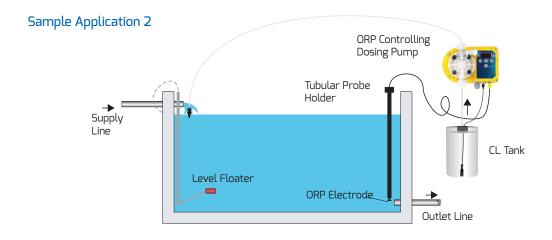
Code	Pump Head	Suction- Injection Set	0-Rings	Injection Hose	Suction-Air Bleed Hose	Bleed Outlet
V	PVDF	PP	Viton	PE	PVC	Manual
Е	PVDF	PP	EPDM	PE	PVC	Manual
Р	PVDF	PVDF	Viton	PE	PE	Manual
EP	PVDF	PVDF	EPDM	PE	PE	Manual
0-V	PVDF	PP	Viton	PE	PVC	*Automatic
0-P	PVDF	PVDF	Viton	PE	PE	*Automatic

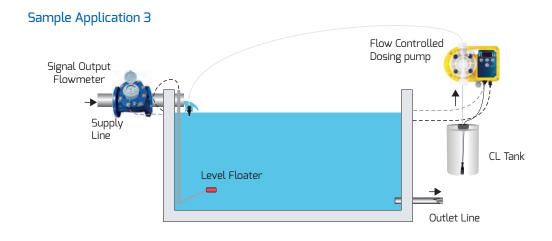
<sup>\*</sup> Applies to 2L/20B capacity models.

2L/20B It can dose maximum 2 liters against to maximum 20 bar counter pressure.

# LARA SERIAL SAMPLE APPLICATIONS







# Electromagnetic Dosing Pumps Optima Series



# **OPTIMA**

## **Analog Dosing Pump**

- · Design with adjustable stroke rate with potentiometer on it
- On/Off Button
- · Thanks to vertical-mounted design easy and flexible installation and operation
- PVDF head set with high resistance to corrosive chemicals and all IP65 body
- Electromagnet controlled by electronic circuit and long-life Teflon (PTFE) diaphragm
- · Reduced maintenance thanks to zirconium ball design
- PP With injection and suction accessories

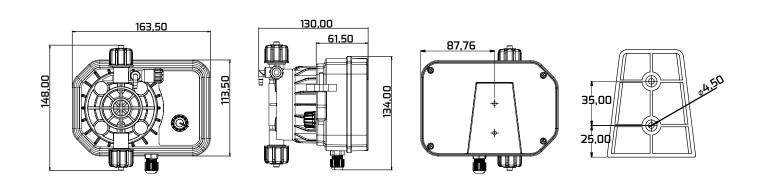
Stock Code	Model	Lt/H	Max. Coun Pressure/I	Package Sizes/cm W-L-H	١	Packed Veight/Kg
307105010101000 DP OPTIM	1A A 5L/10B V220FAT	5	10	21 x 24 x 18		3,05
307104015101000 DP OPTIN	1A A 2,5L/15B V220FAT	2,5	15	21 x 24 x 18		3,05
307105010301000 DP OPTIN	IA A 5L/10B VPTFE 220FAT	5	10	21 x 24 x 18		3,05
307104015301000 DP OPTIN	1A A 2,5L/15B VPTFE 220FAT	2,5	15	21 x 24 x 18		3,05

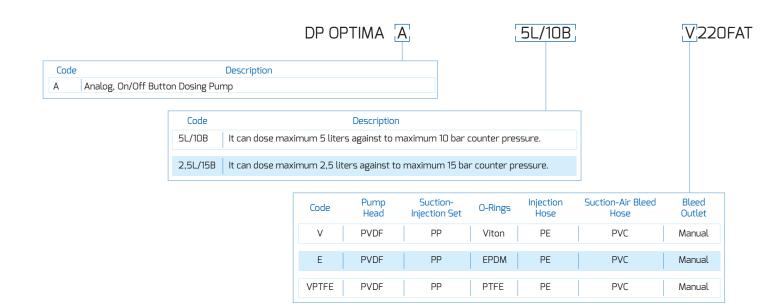
The above products and the following spare parts are standard Viton O-Ring and teflon models. Contact with us for EPDM options.

	Stock Code	Stock Name	Description	Included Package
Ì	600110800110000   SUCTION SET 4X6 V		Pp Suction Set With 4X6 mm Connection With Viton Oring. For V220 Fat Models.	$\checkmark$
Ť	600110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For V220 Fat Models.	<b>/</b>
į	600110800160000   SUCTION SET4X6 V-PTF	=E	Pp Suction Set With 4X6 mm Connection. For V-Ptfe 220 Fat Models.	<b>✓</b>
Ŧ	600110700316000   INJECTION SET 4X6 V-P	TFE	Pp Injection Set With 4X6 mm Connection. For V-Ptfe 220 Fat Models.	<b>/</b>
	600110500100000 HOSE SET V		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	<b>/</b>
14	600511010120100 YP CHECK VALVE SET 40	050 VITON	Up and Down Viton Checkvalve sets for Head Sets 40 and 50	<b>/</b>
	500010079100010 BASE FIXING BRACKET D	DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	X

# **OPTIMA SERIES SPECIFICATIONS**

	Model	Max./Lt	Max./P	Stroke/dk	ml /Stroke	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.
		Lt / h	Bar	stroke	ml	mm	mm	Volt	W	kg	IP	°C
		5	10		0,694							
	5L/10B	6	6	120	0,833	4x6	4x6	230 VAC	20	2,16	65	For
		7,5	3		1,042							Ambient:
		10	1		1,458							0-45
		2,5	15		0,278			50-60 Hz				For
	2,5L/15B	3	10	150	0,333							Chemical: 0-40
		4	6	150	0,444							0-40
		8	1		0,889							





# Electromagnetic Dosing Pumps Nano Series



# **NANO A**

## **Analog Dosing Pump**

- · Design with adjustable stroke rate with potentiometer on it
- Thanks to vertical-mounted design easy and flexible installation and operation
- · PVDF-G head set providing high resistance to corrosive chemicals
- Electromagnet controlled by electronic circuit and long-life Teflon (PTFE) diaphragm
- · Reduced maintenance thanks to zirconium ball design
- · With PP injection and suction accessories

Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	Packed Weight/Kg
302105005101000 DP NANO A	5L/5B V220FAT	5	5	21 x 24 x 18	2,45
302102010101000 DP NANO A	2L/10B V220FAT	2	10	21 x 24 x 18	2,45

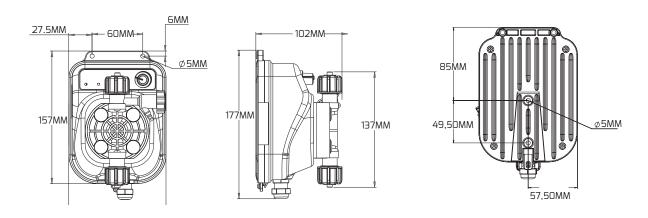
The above products and the following spare parts are standard Viton O-Ring models. For EPDM O-Ring models, contact with us.

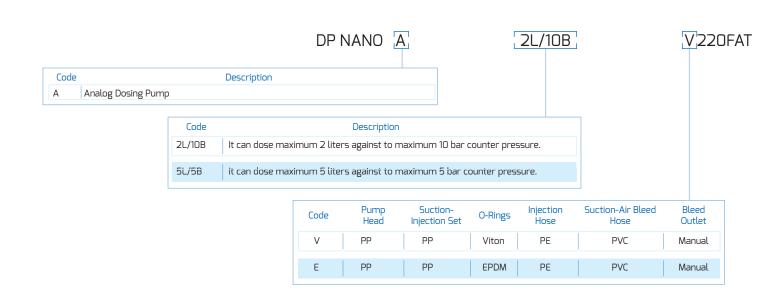
	Stock Code	Stock Name	Description		Included Package
Î	600110800110000 SUCTION SET 4X6 V		Pp Suction Set With 4X6 mm Connection With Viton Oring. For All Models		$\checkmark$
#	600110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.		<b>/</b>
	600110500100000 HOSE SET V		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models		$\checkmark$
4	600511010120100 YP CHECK VALVE SET	4050 VITON	Up and Down Viton Checkvalve sets for Head Sets 40 and 50		<b>/</b>

## NANO SERIES TECHNICAL SPECIFICATIONS

	Model	Max./Lt	Max./P	Stroke/dk	ml /Stroke	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.
		Lt / h	Bar	stroke	ml	mm	mm	Volt	W	kg	IP	°C
	2L/10B	2	10	180	0,185	4x6	4x6	230 VAC	10	1.76	65	For Ambient: 0-45
А	5L/5B	5	5	180	0,463	4x6	4x6	50 Hz		7		For Chemical: 0-40

The flow-pressure graphs of the nano series dosing pumps can be found on page 197.





# 2 Electro-Mechanical Diaphragm Dosing Pumps EMD Series



# **EMD-P**

#### Electro-Mechanical Diaphragm Dosing Pump with Plastic Body

- $\boldsymbol{\cdot}$  Ideal solution for precise dosing of large quantities of liquid chemicals
- $\cdot$  PP, SS 316 and PVDF pump head, couplings and check valves which can be selected according to the chemicals want to be dosed
- $\cdot\,$  Manual 0-100% capacity setting when running or stopping.
- · Ability to adjust capacity with the 4-20mA signal input motor driver

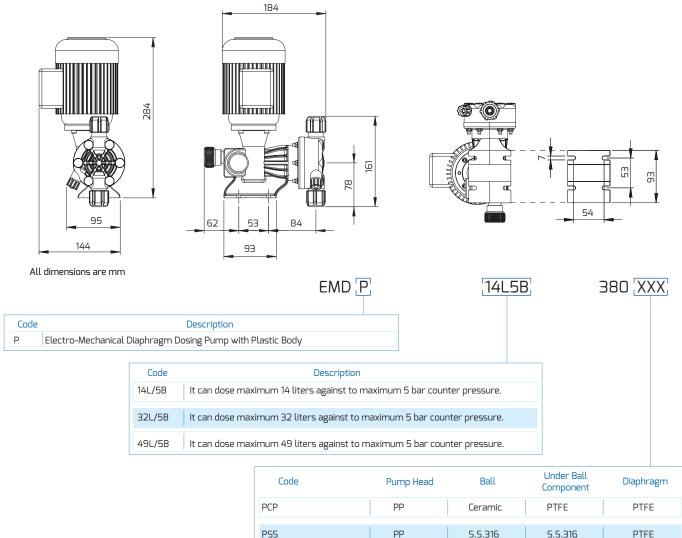
Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	Packed Weight/Kg
311014005241(XXX)   EM	ID P14L/5B 380 (XXX)	14	5	31 x 38 x 23	5,90 (PCP) 5,95 (PSS)
311032005251(XXX) EM	ID P32L/5B 380 (XXX)	32	5	31 x 38 x 23	6,10 (PVCCP)
311049005261(XXX) EN	ND P49L/5B 380 (XXX)	49	5	31 x 38 x 23	6,00 (PVDFCP) 7.40 (SSS)

	Stock Code	Stock Name	Description	Included in Package
<b>**</b>	600112000110000	CONNECTION KIT EMD 11 PCP	9X12 mm And 20 mm Connection Parts Of The Emd Pump Head. For All Pcp Models.	<b>/</b>
77	600112000330000	CONNECTION KIT EMD 33 PVDFCP	9X12 mm And 20 mm Connection Parts Of The Emd Pump Head. For All Pvdfcp Models.	<b>/</b>
<b>**</b>	600112000440000	CONNECTION KIT EMD 44 PVCCP	9X12 mm And 20 mm Connection Parts Of The Emd Pump Head. For All Pvccp Models.	<b>✓</b>
	410160011100001	EMD CONNECTION KIT 9X12 PP	Pp Suction And Injection Kit For 9X12 mm Connection. For All Pcp Models	×
	410160012200001	EMD CONNECTION KIT 20MM PP	Pp Suction And Injection Kit For 20 mm Connection. For All Pcp Models	×
	410160021100001	EMD CONNECTION KIT PVC 9X12MM	Pp Suction And Injection Kit For 9X12 mm Connection. For All Pvccp Models	X
	410160022200001	EMD CONNECTION KIT 20MM PVC	Pp Suction And Injection Kit For 20 mm Connection. For All Pvccp Models	×
	410160031300001	EMD CONNECTION KIT PVDF 9X12MM	Pp Suction And Injection Kit For 9X12 mm Connection. For All Pvdf Models	X
	410160032300001	EMD CONNECTION KIT PVDF 20MM PVC	Pp Suction And Injection Kit For 20 mm Connection. For All Pvdf Models	×
	410170011100001	HOSE SET 9X12 PE 10M	9X12 mm Polyethylene Hose 10 Meters	×

# **EMD-P TECHNICAL SPECIFICATIONS**

Pump Type	Ø mm	Stroke / dk.	Capa L1'	ncity L/h	Max. Pressure	Stroke	kW	Connections	Weight
· ····· · · //۲-	Diaphragm	50Hz   60Hz	50Hz   60Hz	50Hz   60Hz	Bar   Psi	mm			Weight
EMD P14L/5B 380 (XXX)	66	42 50	0,23   0,28	14   17	5 72,5	4	0,09	3/4"	4,50 (PCP) 4,55 (PSS)
EMD P32/5B 380 (XXX)	66	85   102	0,53   0,64	32   38	5 72,5	4	0,09	3/4"	6,00 (SSS)
EMD P49L/5B 380 (XXX)	66	128   153	0,82   0,98	49   59	5   72,5	4	0,09	3/4"	4,60 (PVDFCP) 4,70 (PVCCP)

<sup>\*</sup> Pump installation connection is 3/4" external threaded. Optionally, 3/8" internal thread and 9x12mm hose connection accessories are included in the package.



Code	Pump Head	Ball	Under Ball Component	Diaphragm
PCP	PP	Ceramic	PTFE	PTFE
PSS	PP	5.5.316	5.5.316	PTFE
SSS	5.5.316	5.5.316	5.5.316	PTFE
PVDFCP	PVDF	Ceramic	PTFE	PTFE
PVCCP	PVC	Ceramic	PTFE	PTFE

# 2 Electro-Mechanical Diaphragm Dosing Pumps EMD Series



# **EMD-M** Electromechanical Diaphragm Dosing Pump with Metal Body

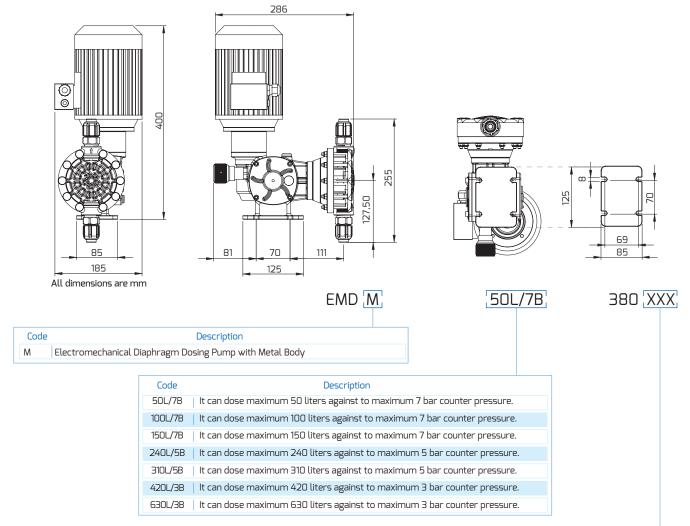
- $\boldsymbol{\cdot}$  Ideal solution for precise dosing of large quantities of liquid chemicals
- $\,\cdot\,$  PP, PVC, S.S.316 and PVDF pump head, couplings and check valves which can be selected according to the chemicals want to be dosed
- · Manual 0-100% capacity setting when running or stopping.
- · Ability to adjust capacity with the 4-20mA signal input motor driver

Stock Code M	odel	Lt/H	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	Packed Weight/Kg
310050007101(XXX) EMD M50L/7	B 380 (XXX)	50	7	41 x 58 x 33	13,65 (PCP) 13,70 (PSS)
310100007121(XXX) EMD M100L/	7B 380 (XXX)	100	7	41 x 58 x 33	14,10 (PVCCP)
310150007131(XXX) EMD M150L/7	7B 380 (XXX)	150	7	41 x 58 x 33	13,90(PVDFCP) 18,20 (SSS)
310240005331(XXX) EMD M200L/	'5B 380 (XXX)	200	5	41 x 58 x 33	14,85 (PVCPXP) 14,90 (PVCSS) 15,10(PVDFPXP)
310360005331(XXX) EMD M310L/9	5B 380 (XXX)	310	5	41 x 58 x 33	19,40 (SSS)
310460003331(XXX) EMD M420L/	3B 380 (XXX)	420	3	50 x 62 x 32	15,85 (PVCPXP) 15,90 (PVCSS) 16,10(PVDFPXP)
310630003431(XXX)   EMD M630L/	3B 380 (XXX)	630	3	50 x 62 x 32	20,40 (555)

00	Stock Code	Stock Name	Description  9X12 mm And 20 mm Connection Parts Of The Emd Pump	Included in Package
14.83	600112000110000   CONNECTION KIT EM		Head. For All Pcp Models.  9X12 mm And 20 mm Connection Parts Of The Emd Pump	
	600112000330000   CONNECTION KIT EM		Head. For All Pydfcp Models.  9X12 mm And 20 mm Connection Parts Of The Emd Pump	
**	600112000440000   CONNECTION KIT EM		Head. For All Pvccp Models.  Pp Suction And Injection Kit For 9X12 mm Connection	
	410160011100001   EMD CONNECTION K	IT 9X12 PP	For All Pcp Models  Pp Suction And Injection Kit For 20 mm Connection	X
	410160012200001 EMD CONNECTION K	IT 20MM PP	For All Pcp Models  Pp Suction And Injection Kit For 9X12 mm Connection	×
	410160021100001 EMD CONNECTION K	IT PVC 9X12MM	For All Pvccp Models	X
	410160022200001 EMD CONNECTION K	IT 20MM PVC	Pp Suction And Injection Kit For 20 mm Connection For All Pvccp Models	×
	410160031300001 EMD CONNECTION K	IT PVDF 9X12MM	Pp Suction And Injection Kit For 9X12 mm Connection For All Pvdf Models	X
	410160032300001 EMD CONNECTION K	IT PVDF 20MM PVC	Pp Suction And Injection Kit For 20 mm Connection For All Pvdf Models	×
	410170011100001 HOSE SET 9X12 PE 10	DM	9X12 mm Polyethylene Hose 10 Meters	×

# **EMD-M TECHNICAL SPECIFICATIONS**

	Ø mm	Stroke / dk.			Max. Pressure	Stroke				
Pump Type	Diaphragm		L1'	L/h	riessule	mm	kW	Connection	Weight	
		50Hz   60Hz	50Hz   60Hz	50Hz   60Hz	Bar   Psi					
EMD M50L/7B 380(XXX)	110	40   48	0,83   1	50   60	7   101,5	5	0,25	3/4"	12,15 (PCP) 12,20 (PSS)	
EMD M100L/7B 380(XXX)	110	80   96	1,66   2	100   120	7   101,5	5	0,25	3/4"	16,70 (SSS) 12,40(PVDFCP)	
EMD M150L/7B 380(XXX)	110	120   145	2,5   3	150   180	7   101,5	5	0,25	3/4"	12,60 (PVCCP) 13,35 (PVCPXP)	
EMD M200L/5B 380 (XXX)	120	80   96	4 4,83	200   290	5   72,5	10	0,37	3/4"	13,40 (PVCSS) 13,60(PVDFPXP)	
EMD M310L/5B 380 (XXX)	120	120   145	5,166   6,2	310   372	5   72,5	10	0,37	3/4"	17,90 (SSS) 13,35 (PVCPXP)	
EMD M420L/3B 380 (XXX)	140	120   145	7   8,4	420   504	3   43,5	10	0,37	1"	13,40 (PVCSS) 14,60(PVDFPXP)	
EMD M630L/3B 380 (XXX)	140	120   145	10,5   12,58	630 755	3   43,5	15	0,37	1"	18,90 (555)	



Code	Pump Head		Ball	Under Ball Component	Diaphragm
PCP	PP		Ceramic	PTFE	PTFE
PSS	PP		5.5.316	5.5.316	PTFE
SSS	5.5.316		5.5.316	5.5.316	PTFE
PVDFCP	PVDF	1	Ceramic	PTFE	PTFE
PVCCP	PVC		Ceramic	PTFE	PTFE
PVCPXP	PVC	1	Pyrex	PTFE	PTFE
PVCSS	PVC	1	5.5.316	5.5.316	PTFE
PVDFPXP	PVDF		Pyrex	PTFE	PTFE



# **ASPENDOSE A**

#### **Peristaltic Dosing Pump**

- OEM head options
- · Adjustable flow rate, rapid button
- PP, chemical resistant IP 65 body
- On-Off switch
- · Long-life pulley system, Chemical discharge end
- \*Model options for detergent(D), rinse aid (R) and pH-Chlorine (A) dosing
- Easy assembly and disassembly thanks to the rear cover slide

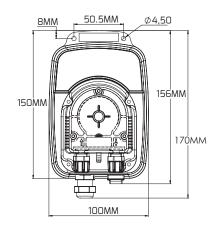
Stock Code	Model	Lt/H	Max. Counte Pressure/Ba	•	Packed Weight/Kg
340051005201000 ASPEND	DSE A 5,1L/0,5B D 220AT	5,1	0,5	20 x 15 x 13	0,78
340028030301000 ASPEND	DSE A 2,8L/3B R 220AT	2,8	3	20 x 15 x 13	0,78
340051005101000 ASPEND	OSE A 5,1L/0,5B A 220AT	5,1	0,5	20 x 15 x 13	0,78
340028030101000 ASPENDO	DSE A 2,8L/3B A 220AT	2,8	3	20 x 15 x 13	0,78

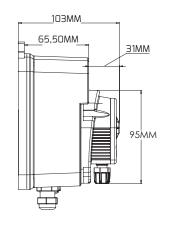
	Stock Code	Stock Name	Description	Included Package
	600110800100100	SUCTION SET 4X6 ASPENDOSE CERAMIC	Suction Set With 4X6 mm Connection, Pp / Ceramic. For All Models.	<b>/</b>
Ŧ	600110700311000	INJECTION SET 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton Oring. For A Models.	<b>/</b>
	600110700113100	INJECTION SET PERISTALTIC 4XG PVDF	Pvdf Injection Kit With 4X6 mm Connection. For D Models.	<b>/</b>
	600110700211100	INJECTION SET METAL 4X6 V ASPENDOSE	Injection Kit Pvdf-Ss With 4X6 mm Connection. For R Models.	<b>/</b>
A	500010066120000	NOZZLE KIT FOR HOSE ASPENDOSE	Pvdf Nozzle Of Gradual Hose And Injection Kit. For R Models	<b>/</b>
	600110500000000	HOSE SET 4X6 ASPENDOSE	Hose Set For Suction And Injection Connections. For All Models	<b>/</b>
7	600110400800000	MOUNTING SET ASPENDOSE	Set Of Screws And Anchors For Wall Mounting. For All Models	<b>/</b>
	410200011000001	T FITTING KIT PVDF	T Pvdf Of Gradual Hose And Injection Kit Connection Parts. For R Models.	X
<b>a</b> t 10	600505020001000	YP ASPENDOSE HOSE SET A-D	DP ASPENDOSE Peristaltic Tupe Set A-D	<b>✓</b>
0 10	600505030002000	YP ASPENDOSE HOSE SET R	DP ASPENDOSE Peristaltic Tupe Set R	$\checkmark$

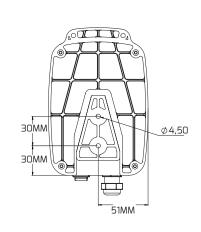
# **ASPENDOSE A SERIES TECHNICAL SPECIFICATIONS**

ı	Model	Application Chemical	Min./Lt	Max./Lt	Max./P	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.
			Lt / h	Lt / h	Bar	mm	mm	Volt	W	kg	IP	ºC
	5,1L/0,5B D	D (Detergent)	0,7	5,1	0,5	4 X 6	4 X 6				5 65	_
A	2,8L/3BR	R (Polisher)	0,5	2,8	3	4 X 6	4 X 6	95-260 VAC	3,5	0,635		For Ambient: 0-45 For
	5,1L/0,5B A	A (pH-CL)*	0,7	5,1	0,5	4 X 6	4 X 6	50-60 Hz	3,5 U,635	·		Chemical: 0-45
	2,8L/3B A	A (pH-CL)*	0,5	2,8	3	4 X 6	4 X 6					

<sup>\*</sup> For pH: Max. 40% H<sub>2</sub>SO<sub>4</sub> (Sulfuric Acid) For CL: Max. 16% NaOCl (Sodium Hypochlorite)







5,1L/0,5B



Code	Description
5,1L/0,5B	It can dose maximum 5,1 liters against to maximum 0,5 bar counter pressure.
2,8L/3B	It can dose maximum 2,8 liters against to maximum 3 bar counter pressure.
5,1L/0,5B	It can dose maximum 5,1 liters against to maximum 0,5 bar counter pressure.
2,8L/3B	It can dose maximum 2,8 liters against to maximum 3 bar counter pressure.

Code	OEM Body	Suction- Injection Set	Number of reels	Peristaltic Hose	Suction-Injection- Discharge Hose
Α	PP	PP	*3-2	*Norprene, Silicone	PVC - PE - PVC
D	PP	PP - PVDF	3	Norprene	PVC - PE - PVC
R	PP	PP - PVDF/SS	2	Silicon	PVC - PE - PVC

<sup>\* 3</sup> reels for 5.1L/ 0.5B and 2 reels for 2.8L/ 3B.

D220AT

<sup>\*</sup> Norprene for 5.1L/0 .5B is silicone for 2.8L/ 3D.

# Peristaltic Dosing Pumps Aspendose Series



# **ASPENDOSE DMS**

#### Digital, Level Controlled, Volumetric Peristaltic Dosing Pump

- · Digital display, Precise dosing with microcontroller technology, time adjustment and user password parameters
- · Easy menu content and user-friendly button technology
- · Volumetric proportional dosing when connected to the water meter or flow meters
- · 4-20 mA analog input, liquid level control alarm relay
- · Programmable fluid level or flow control
- ${\boldsymbol \cdot}$  Easy and flexible installation, operation thanks to vertical slide wall mounting or optional mounting foot
- · All-plastic body for high resistance to corrosive chemicals
- Monitoring the pump capacity on the screen in mLt/H and performing flow calibration
- Easy maintenance and different capacity options thanks to OEM head options
- · With Injection and suction fluid level sensor accessories

Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	•	Packed Weight/Kg
342043005100000   ASPENDOSE	DMS 4,3L/0,5B A ACFAT	4,3	0,5	12 x 21 x 13	1,615
342025030100000   ASPENDOSE	DMS 2,5L/3B A ACFAT	2,5	3	12 x 21 x 13	1,615

<sup>\*</sup> You can select the accessory from the probe holder table on page 17.

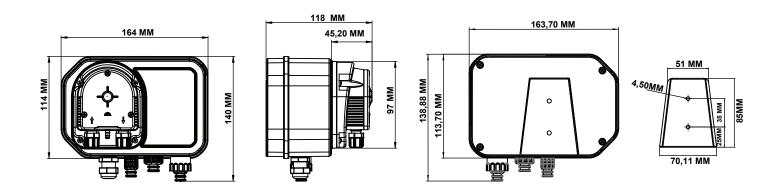
	Stock Code	Stock Name	Description	Included Package
	600110800111000 SUCTION SET 4X6 VS		Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.	$\checkmark$
ŧ	600110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	<b>/</b>
	600110500100000 HOSE SET V		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	<b>/</b>
	610103050000001 CABLE SET SIGNAL EXT	CERNAL DP LARA	Cable Set With Mic Connection For Signal inputs And Alarm Output.	<b>/</b>
A	500010079100010 BASE FIXING BRACKET I	OP.	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	×
0 10	600505020001000   YP ASPENDOSE HOSE S	SET A-D	DP ASPENDOSE Peristaltic Tupe Set A-D	<b>/</b>
61 10	600505030002000 YP ASPENDOSE HOSE S	SET R	DP ASPENDOSE Peristaltic Tupe Set R	<b>/</b>

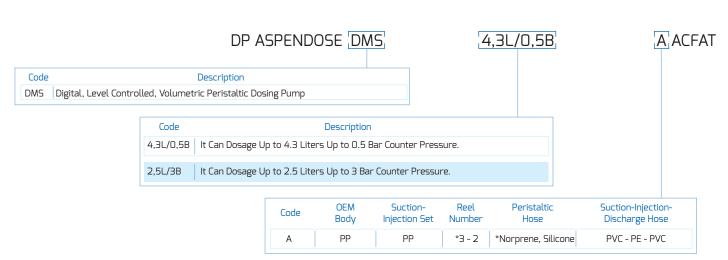
<sup>\*:</sup> For models with PVDF kits. Indicate during your order

## **ASPENDOSE DMS SERIES SPECIFICATIONS**

Model	Min./Lt	Max./Lt	Max./P	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.
	Lt / h	Lt / h	Bar	mm	mm	Volt	W	kg	IP	□C
ASPENDOSE DMS	0,001	4,3	0,5	4x6	4x6	AC 100-240VAC 50-60 Hz	AC 6-8W	0,825	X5	For Ambient: 0-45
	0,001	2,5	3	4x6	4x7	DC 12-28VDC	DC 4W			For Chemical: 0-45

<sup>\*</sup> For pH: Max. 40% H<sub>2</sub>SO<sub>4</sub> (Sulfuric Acid)





<sup>\* 3</sup> reels for 4.3L/ 0.5B and 2 reels for 2.5L/ 3D.

<sup>\*</sup> For CL: Max. 16% NaOCl (Sodium Hypochlorite)

<sup>\*</sup> Norprene for 4.3L/O .5B is silicone for 2.5L/ 3D.

# Peristaltic Dosing Pumps Aspendose Series



# ASPENDOSE PR

#### Digital, Level Controlled, pH&ORP, Volumetric Peristaltic Dosing Pump

- · Digital display, Precise dosing with microcontroller technology, time adjustment and user password parameters
- · Easy menu content and user-friendly button technology
- · ORP (REDOX) or pH measurement with standard combined electrodes
- · Fully digital tuning and automatic calibration using buffer liquid
- To be able to enter measurement value definition time at opening (0 60 min.)
- · Volumetric proportional dosing when connected to the water meter or flow meters (Volumetric connection cable not included)
- · 4-20 mA analog input, liquid level control alarm relay
- · Programmable fluid level or flow control
- · Easy and flexible installation, operation thanks to vertical slide wall mounting or optional mounting foot
- · All-plastic body for high resistance to corrosive chemicals
- Monitoring the pump capacity on the screen in mLt/H and performing flow calibration
- · Easy maintenance and different capacity options thanks to OEM head options
- · With Injection and suction fluid level sensor accessories

Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	•	Packed Weight/Kg
341043005100000   ASPENDOSE PI	R 4,3L/0,5B A ACFAT	4,3	0,5	12 x 21 x 13	1,615
341025030100000   ASPENDOSE PI	R 2,5L/3B A ACFAT	2,5	3	12 x 21 x 13	1,615

<sup>\*</sup> You can select the accessory from the probe holder table on page 17.

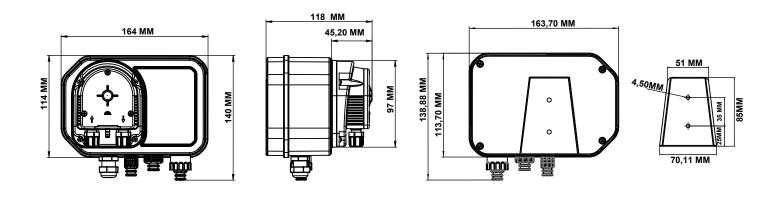
	Stock Code	Stock Name	Description	-	ncluded Package
	600110800111000 SUCTION SET 4X6 VS		Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.		<b>/</b>
Ŧ	600110700311000   INJECTION SET 4X6 V		Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.		<b>/</b>
	600110500100000 HOSE SET V		Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models		<b>/</b>
· GO	610103050000001   CABLE SET SIGNAL EXTE	ERNAL DP LARA	Cable Set With Mic Connection For Signal inputs And Alarm Output.		<b>/</b>
A	500010079100010 BASE FIXING BRACKET D	Р	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.		X
0 0	600505020001000   YP ASPENDOSE HOSE SE	ET A-D	DP ASPENDOSE Peristaltic Tupe Set A-D		<b>/</b>
61 10	600505030002000 YP ASPENDOSE HOSE SO	ETR	DP ASPENDOSE Peristaltic Tupe Set R		<b>✓</b>

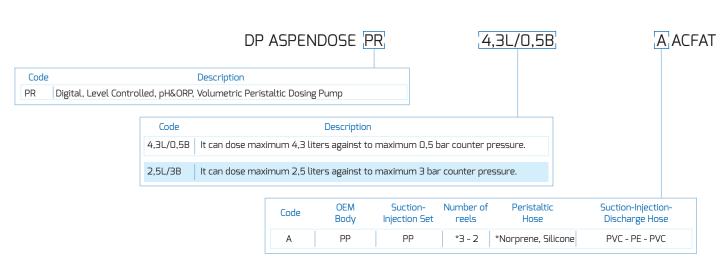
<sup>\*:</sup> PVDF is for mass models. Indicate during your order

# ASPENDOSE DMS SERIES TECHNICAL SPECIFICATIONS

Model	Min./Lt	Max./Lt	Max./P	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.	
	Lt / h	Lt / h	Bar	mm	mm	Volt	W	kg	IP	ºC	
ASPENDOSE PR	0,001	4,3	0,5	4x6	4x6	AC 100-240VAC 50-60 Hz	AC 6-8W	0,825	X5	For Ambient: 0-45	
	0,001	2,5	3	4x6	4x7	DC 12-28VDC	DC 4W			For Chemical: 0-45	

<sup>\*</sup> For pH: Max. 40% H<sub>2</sub>SO<sub>4</sub> (Sulfuric Acid)





<sup>\* 3</sup> reels for 4.3L/ 0.5B and 2 reels for 2.5L/ 3D.

<sup>\*</sup> For CL: Max. 16% NaOCl (Sodium Hypochlorite)

<sup>\*</sup> Norprene for 4.3L/O .5B is silicone for 2.5L/ 3D.

# Peristaltic Dosing Pumps Aspendose Series





#### Remote controlled, Double Head Peristaltic Dosing Pump

- Double oem peristaltic (detergent and polisher) on single body.
- Operation with dual signal input (Filling, Rinsing)
- 24 VAC-VDC and 220 VAC (with transformer) operation
- · Operator control and control input with LCD display that does not require batteries for menu setting
- Suitable design for 3rd pump addition
- Individual cycle, standby and time-regulated, individual prime mode for 3 pumps
- Monitoring the running times of the motors, limiting the pump running time
- Independent filling and rinsing settings can be entered
- Easy assembly and intervention with hinged, special angle, opening front cover, slide mounting apparatus
- · It has motor protection feature with electronic circuit.
- Being able to work in all conveyor, guillotine and under-counter machines thanks to the durable roller system, motor, and hose structure



Stock Code Model Description

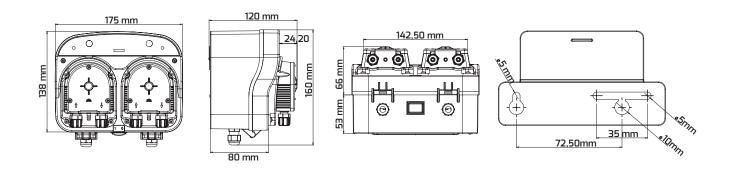
202010050000000   PER 200 ASPENDOSE ANTECH	Double Headed Peristaltic Dosing Pump For Dishwasher
202120050000000   PER 100 ASPENDOSE ANTECH	Additional 3rd Pump for Per 200
410180011200001 PER USER ASPENDOSE ANTECH	Digital External Control For Per 200

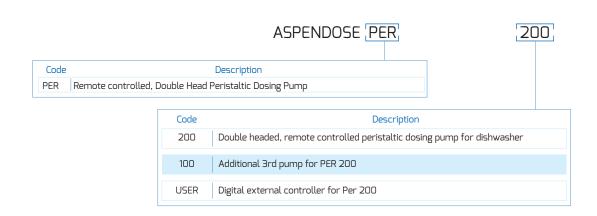
	Stock Code	Stock Name	Description	 ncluded Package
	600110800100100	SUCTION SET 4X6 ASPENDOSE CERAMIC	Suction Set With 4X6 mm Connection, Pp / Ceramic.For All Models.	<b>/</b>
	600110700113100	INJECTION SET ASPENDOSE 4X6 PVDF	Pvdf Injection Kit With 4X6 mm Connection. For Detergent Side.	<b>/</b>
	600110700211100	INJECTION SET METAL 4X6 V ASPENDOSE	Injection Kit Pvdf-Ss With 4X6 mm Connection.For Rinse Side.	<b>/</b>
	500010066120000	NOZZLE KIT FOR HOSE ASPENDOSE	Pvdf Nozzle Of Gradual Hose And Injection Kit. For Rinse Side.	<b>/</b>
	600110500000000	HOSE SET 4X6 ASPENDOSE	Hose Set For Suction And Injection Connections. For All Models	<b>/</b>
1	600110400800000	MOUNTING SET ASPENDOSE	Set Of Screws And Anchors For Wall Mounting. For All Models	<b>/</b>
	705130100000001	E POWER TRANSFORMATOR 12W 23V WITH CABLE ELKOM (1-3)	220Vac- 24V Transformer. For Per 200 Models	<b>✓</b>
	410200011000001	T FITTING KIT PVDF	T Pvdf Of Gradual Hose And Injection Kit Connection Parts. For Rinse Side.	X

#### ASPENDOSE PER 200 - 100 SERIES TECHNICAL SPECIFICATIONS

Model	-	Application Chemical	Min./Lt	Max./Lt	Max./P	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.
			Lt / h	Lt / h	Bar	mm	mm	Volt	W	kg	IP	ºC
PER 200	5,1L/0,5B D	D (Detergent)	0,7	5,1	0,5	4x6	4 x 6	24 V AC-DC	AC 6-8W			For Ambient:
200	2,8L/3BR	R (Rinse)	0,5	2,8	3	4x6	2×4	220 V AC*	DC 4W	0,635	65	0-45 For Chemical: 0-45
PER 100	5,1L/0,5B D	D (Sanitizer)	0,7	5,1	0,5	4×6	4x6	24 V DC	DC 4W			5

<sup>\*</sup> Value provided by transformer





# Peristaltic Dosing Pumps Aspendose Series



# **ASPENDOSE PER 150**

#### **Double Head Peristaltic Dosing Pump**

- · Double oem peristaltic on single body (detergent and rinse)
- · Single signal input operation
- 24 VAC-VDC and 220 VAC (with transformer) operation
- · Individual adjustable flow rate adjustment for 2 pumps
- · Individual premium buttons for 2 pumps
- · Easy assembly and intervention with hinged, special angle, opening front cover, slide mounting apparatus
- Motor protection feature with electronic circuit.
- · Being able to work in all conveyor, guillotine and under-counter machines thanks to the durable roller system, engine, and hose structure

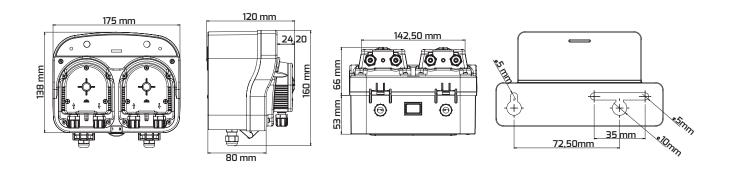
Stock Code	Model	Description
202230050000000 PER 1	50 ASPENDOSE	Double-Headed Peristaltic Dosing Pump For Dishwashers.

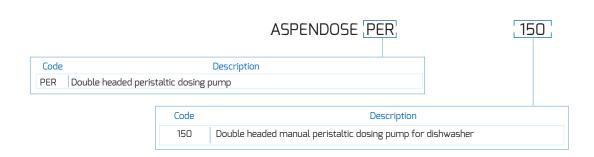
	Stock Code	Stock Name	Description	Includin Pack	
	600110800100100	SUCTION SET 4X6 ASPENDOSE CERAMIC	Suction Set With 4X6 mm Connection, Pp / Ceramic.For All Models.	<b>/</b>	,
	600110700113100	INJECTION SET ASPENDOSE 4X6 PVDF	Pvdf Injection Kit With 4X6 mm Connection. For Detergent Side.	<b>/</b>	/
	600110700211100	INJECTION SET METAL 4X6 V ASPENDOSE	Injection Kit Pvdf-Ss With 4X6 mm Connection.For Rinse Side.	<b>/</b>	/
	500010066120000	NOZZLE KIT FOR HOSE ASPENDOSE	Pvdf Nozzle Of Gradual Hose And Injection Kit. For Rinse Side.	<b>/</b>	•
	600110500000000	HOSE SET 4X6 ASPENDOSE	Hose Set For Suction And Injection Connections. For All Models	<b>/</b>	/
9	600110400800000	MOUNTING SET ASPENDOSE	Set Of Screws And Anchors For Wall Mounting. For All Models	<b>/</b>	,
7	705130100000001	E POWER TRANSFORMATOR 12W 23V WITH CABLE ELKOM (1-3)	220Vac- 24V Transformer. For Per 200 Models	<b>/</b>	/
	410200011000001	T FITTING KIT PVDF	T Pvdf Of Gradual Hose And Injection Kit Connection Parts. For Rinse Side	X	,

#### **ASPENDOSE PER 150 SERIES TECHNICAL SPECIFICATIONS**

Model			Application Chemical	Min./Lt	Max./Lt	Max./P	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.
				Lt / h	Lt / h	Bar	mm	mm	Volt	W	kg	IP	ºC
	PER 150	5,1L/0,5B D	D (Detergent)	0,7	5,1	0,5	4 x 6	4 x 6	24 V AC-DC	AC 6-8W			For Ambient: 0-45
		2,8L/3BR	R (Rinse)	0,5	2,8	3	4 x 6	2×4	220 V AC*	DC 4W	0,635	65	For Chemical: 0-45

<sup>\*</sup> Value provided by transformer





# Peristaltic Dosing Pumps Aspendose Series



# **ASPENDOSE OEM**

#### Peristaltic OEM Dosing Pump

- PP, chemical resistant body
- · Chemical discharge end
- Long-life pulley system
- $\boldsymbol{\cdot}$  Model options for pH, Chlorine, Rinse andd detergent dosing
- Direct 24 V DC supply
- Easy installation thanks to its compact structure

Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	Packed Weight/Kg
600521010100100	YP ASPENDOSE 0EM 2,8L/3B 24VDC	2,8	0,5	12 x 12 x 8,5	0,28
600521010100200	YP ASPENDOSE OEM 5,1L/0,5B 24VDC	5,1	3	12 x 12 x 8,5	0,28

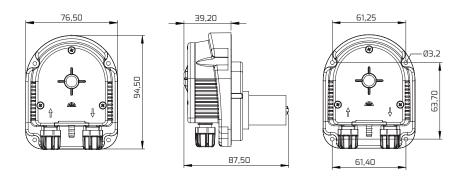
	Stock Code	Stock Name	Description		ncluded Package
	600110800100100 SUCTIO	ON SET 4X6 ASPENDOSE CERAMIC	Suction Set With 4X6 mm Connection, Pp / Ceramic. For All Models.		X
*	600110700311000 INJECT	ION SET ASPENDOSE 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton Oring. For A Models.		X
	600110700113100 INJECT	ON SET PERISTALTIC 4X6 PVDF	Pvdf Injection Kit With 4X6 mm Connection. For D Models.	1	X
	600110700211100 INJECT	ON SET METAL 4X6 V ASPENDOSE	Injection Kit Pvdf-Ss With 4X6 mm Connection. For R Models.		X
	500010066120000 NOZZL	E KIT FOR HOSE ASPENDOSE	Pvdf Nozzle Of Gradual Hose And Injection Kit. For R Models		X
	600110500000000 HOSE 9	SET 4X6 ASPENDOSE	Hose Set For Suction And Injection Connections. For All Models		X
-	410200011000001 T FITT	NG KIT PVDF	T Pvdf Of Gradual Hose And Injection Kit Connection Parts. For R Models.		X

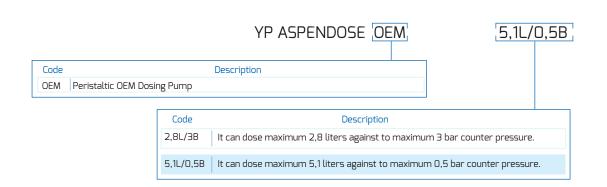
#### ASPENDOSE OEM SERIES TECHNICAL SPECIFICATIONS

Model		Application Chemical	Min./Lt	Max./Lt	Max./P	Suction Connection	Injection Connection	Supply Voltage	Watt	Product Weight	Body	Max. Temp.
			Lt / h	Lt / h	Bar	mm	mm	Volt	W	kg	IP	ºC
OEM	5,1L/0,5B 24VDC	pH-Cl / Detergent	0,7	5,1	0,5	4 x 6	4×6	DC 24V	3,5	0,220	***65	For Ambient: 0-45 For
	2,8L/3B 24VDC	Rinse	0,5	2,8	3	4 x 6	**4 x 6			, ,		Chemical: 0-45

<sup>\*</sup> For pH: Max. 40% H<sub>2</sub>SO<sub>4</sub> (Sulfuric Acid)

<sup>\* \* \*</sup> For the front surface





<sup>\* \*</sup>Preferably 2 x 4

<sup>\*</sup> For CL: Max. 16% NaOCl (Sodium Hypochlorite)



#### Measurement and Control Devices

Measuring and Controlling Devices are the devices which display electronic signals from sensors, flow meters, meters, switches, management units and similar equipment on the screen directly or by evaluating in the protocol in it, and control dosing pumps, valves, blowers, lamps, sirens and similar process equipment based on these data.

AnTech measuring and controlling devices have the mechanism providing the right solution for your processes with fixed models and configurable models, and high-precision measurement technology. It offers professional solutions for your complex processes with the models specially designed for standard applications such as swimming pools, cooling towers, drinking water and wastewater. With the models with communication infrastructure, your measurements or other relevant conditions of your device are included in all industrial processes with global communication protocols. It offers process solutions that can be monitored and managed remotely.

AnTech offers its field experience of more than 25 years as solution packs in its product menus.

# Measurement and Control Devices

#### Measurement and Control Devices Omnicon Series



OmniCon 1020 multi-parameter measuring and control device



OmniCon 1010 single parameter measuring and controlling device

#### **OMNICON**

#### Multi-Parameter Measuring and Controller

- · Omnicon provides the opportunity to measure and control the parameters determined by the user according to the process structure with a single device thanks to its flexible structure.
- · Omnicon alone does what two or more devices can do.
- Single Parameter, 2 parameters, 3 parameters and multimeter (up to 6 parameters)
- · Ability to work with 100-230V AC and 12V DC supply source,
- · Graphic LCD display, adjustable light, contrast and sound, membrane keypad,
- Liquid level, flow sensor, counter, and external alarm inputs,
- 16-bit RISC microcontroller, real time clock,
- 3 levels of password protection,
- Retrospective 2048 log memory, displaying logs kept both as lists and graphics
- · Menu system that reduces the need for user manual, English-Turkish language option,
- 5 types of calibration options, automatic fluid recognition, heat compensation
- · Programmable relay outputs (Decrease, Increase, PID decrease, PID increase, Limit switch, Pulse width),
- · Programmable counter input(Lt, m3 and countable), printer, OmniCon Visio and
- · Optionally 4 user adjustable 4-20 mA and 0-20 mA analog output,
- · Optionally 4 4-20 mA Analog outputs,
- · The device optionally supports many communication protocols.



#### Communications (Optional)

- >RS485
- >Fthernet
- >MODBUS RTU Master
- >MODBUS RTU Slave
- >MODBUS TCP Slave
- >Printer connection
- >Omnicon Web Interface



- pH
- Redox
- Conductivity
- TDS
- · Free Chlorine
- Total Chlorine
- Combined Chlorine

· Chlorine Dioxide

- Ozone
- · Hydrogen Peroxide
- Paracetic Acid
- · Dissolved Oxygen
- Turbidity
- Humidity
- Temperature

Stock Code	Model	Description	Packaging Dimensions/cm W-L-H	Packed Weight/Kg
201010000000000   01	MNICON PH	Ph Measurement And Controlling Device	27 x 30 x 13	1,65
201001000000000   01	MNICON ORP	Orp Measurement And Controlling Device	27 x 30 x 13	1,65
201000100000000   01	MNICON CON	Conductivity Measurement And Controlling Device	27 x 30 x 13	1,65
* * * OI	MNICON GP	General Purpose Measurement And Control Device	27 x 30 x 13	1,65

Stock Code	Model	Description	Packaging Packed Dimensions/cm Weight/Kg W-L-H
201011000000000	OMNICON PH ORP	Ph & Orp Measurement And Controlling Device	27 x 30 x 13 1,95
201010100000000	OMNICON PH CON	Ph & Conductivity Measurement And Controlling Device	27 x 30 x 13 1,95
201010010000000	OMNICON PH FCL	Ph & Free Chlorine Measurement And Controlling Device	27 x 30 x 13 1,95
<b>衣 ☆ ☆</b>	OMNICON PH GP	Ph & General Purpose Measurement And Controlling Device	27 x 30 x 13 1,95
* * *	OMNICON 2 GP	2 Channel General Purpose Measurement And Control Device	27 x 30 x 13 1,95

Stock Code	Model	Description	Packaging Dimensions/cm W-L-H	Packed Weight/Kg
201011100000000	OMNICON PH ORP CON	Ph & Orp & Conductivity Measurement And Controlling Device	27 x 30 x 13	2,00
201011010000000	OMNICON PH ORP FCL	Ph & Orp & Free Chlorine Measurement And Controlling Device	27 x 30 x 13	2,00
<b>☆☆☆</b>	OMNICON PH ORP GP	$\ensuremath{{\rm Ph\&Orp\&GeneralPurpose}}$ Measurement And Controlling Device	27 x 30 x 13	2,00
<b>☆☆☆</b>	OMNICON PH CON GP	Ph & Condcutivity & General Purpose Measurement And Controlling Device	27 x 30 x 13	2,00
☆ ☆ ☆	OMNICON EXPERT	Ph & Condcutivity & Free Chlorine & Total Chlorine & Combine Chlorine Measurement And Controlling Device	27 x 30 x 13	2,00

<sup>\* \* \*</sup> The code is determined according to the selected parameter FCL: Free chlorine-TCL: Total Chlorine-CCL: Combined Chlorine

Stock Code Model Description

410040010000000   ADDITIONAL MODULE PH	Additional Electronic Module For Ph Measurement
410040020000000   ADDITIONAL MODULE ORP	Additional Electronic Module For Orp Measurement
41004004000000   ADDITIONAL MODULE CON	Additional Electronic Module For Conductivity Measurement
410040030000000   ADDITIONAL MODULE GP	Additional Electronic Module For Generalpurpose Measurement
410040170000000   ADDITIONAL MODULE GP24V	Additional Electronic Module For General Purpose 24V Measurement
410040011000000 ADDITIONAL MODULE PH PSMM	Additional Electronic Module For Ph Psmm Measurement
410040050000000   ADDITIONAL MODULE RS485	Additional Electronic Module For Modbus Rtu/Rs485 Communication
410040060000000 ADDITIONAL MODULE ETH	Additional Electronic Module For Modbus Tcp/Ethernet Communication
410040080000000 ADDITIONAL MODULE AN OUT	Additional Electronic Module For 4-20 Ma / 0-20 Ma Analog Output

#### **OMNICON TECHNICAL SPECIFICATIONS**

#### Supply

100-230VAC, 50-60Hz 0,1AMax 12VDC 1AMax\* \* (Optional)

#### рΗ

0.00 - 14.00pH Measuring Range

Solubility: O.OlpH

Temperature Compensation: NTC, PT100, PT1000

#### **ORP**

0000 -1500mV Measuring Range

Solubility: 1mV

#### Conductivity /TDS

0.00 - 2000m5 (Programmable)

Temperature Compensation: NTC, PT100, PT100Q

Low Measuring Limit: 0,0 -200,0 uS/ppm\*

Solubility: 0.1 uS/ppm\*

Ambient Measurement Limit: 0 - 20.000 uS/ppm\*

Solubility: 1uS/ppm\*

High Measuring Limit: 0,0 - 200,0 mS/ppt\* Solubility: 0.01 mS/ppt\* are valid units for TDS.

#### Potentiostatic

Free Chlorine 0-10 ppm 00.01 ppm solubility \* Chlorine Dioxide 0-10 ppm 00.01 ppm solubility \*

#### **GP Measurement Parameters**

Total Chlorine

Connected Chlorine 0.00-0.50/2 .00/10.00/200 ppm\*

Free Chlorine 0.01 ppm solubility\*

0.00 200 ppt(Prg) Measurement Range\* Chlorine Dioxide

Ozone 0.01 ppt solubility \* Hydrogen Peroxide 0.01 ppm solubility\*

Paracetic Acid

\*: It may vary according to the measurement parameter.

#### DO (Dissolved Oxygen)

0.00 - 200 ppt (Prg) Measuring Range

0.01 ppt Solubility

Temperature Compensation: NTC, PT100, PT1000 Special salinity and air pressure parameters

#### TU (Turbidity)

0-4 / 0-40 / 0-400 (NTU) 0,001 / 00,01 / 000,1 (Solubility) 0-100 / 0-1,000 / 0-10,000 (FTU) 000,1 / 00,10 / 0,100 (Solubility)

#### Humidity

0,0-100,0 rh% Measuring Range 0,1 rh% Solubility Free Chlorine 0.00-10.00 ppm Measuring Range Solubility: 0,01 ppm

#### **Temperature**

RTD-25.0 - -125.0°C Measuring Range 0.1°C Solubility NTC -5,0 - 80,0'C Measuring Range 0,1°C Solubility

#### **Digital Inputs**

2 liquid levels, 1 flow sensor (PNP, NPN), 1 pcs external alarm inputs Programmable Counter input (Lt,m3, countable pcs) (divider and multiplier option)

#### **Outputs**

4 5A 110-230VAC,\*5A 12VDC or potential-free programmable relay outputs

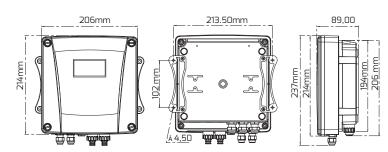
(Decrease Control, Increase Control, PID increase control, PID decrease control, Counter, Timed, Alarm)

1 x 5A potential-free (NO-NC) alarm relay

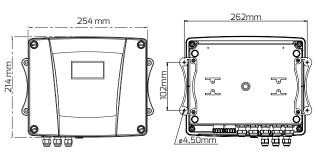
\*4 pcs 0-20mA, 4-20mA programmable analog outputs (Linear output, Decrease Control, Increase Control,

PID decrease control, PID increase control, Limit switch, Pulse width)

#### OmniCon 1010



#### OmniCon 1020





# Remote Monitoring and Controlling System

#### Remote Monitoring Interface

- Tracking and controlling more devices than one over a single panel and application
- · Remote monitoring
- · Remote controlling (changing parameter set values, relay on-off-controlling dosage pump)
- Adding devices
- · Backward data recording and reporting
- · Communicating alarm information by sms and e-mail
- · Device gps location.











#### How Does The System Work And Why Is It Used?

Remote monitoring system is used in order to monitor, record condition of parameters such as ph, conductivity, orp, free chloride, trace element, turbidity, solved oxygen, temperature, humidity and etc. measured through sensors by Omnicon systems operating in the plant, how such parameters work, what they control in a live environment and what kind of results have been obtained in this respect. One or more plants, devices can be monitored and controlled over a

Stock Code Model Description

410040180000000 ADDITIONAL WIFI MODULE OMNICON

Communication module via Omnicon WİFİ

#### **OMNICON WEB INTERFACE**

#### **Remote Monitoring Interface**

Web Interface; It is a remote control and monitoring program optionally added to Omnicon devices. With Omnicon Web Interface;

- You can see the measurement parameters on your device instantly.
- You can monitor and report retrospective measurement records graphically and tabularly and save them as pdf on your computer.
- You can change the set settings and check the relays.
- No program is needed to connect to the Omnicon Web Interface. You can start your device's web interface directly from your web browser (Internet Explorer, Google chrome, etc.).



- · Your Omnicon device can be connected to your computer via a modem or directly.
- · You can also connect directly to the Omnicon Web interface with Industrial type wireless modems.



· With the External Port that you will open to your modem, you can connect from off-site computers, smartphones, and tablets.



· Login with user password

· Ability to see measurements instantly, change role set values and control equipment such as pump or valve connected to the relay.





· Ability to view and print retrospective measurement records

Stock Code Model Description

410120020000000 OMNICON WEB INTERFACE Monitoring And Controlling interface On internet

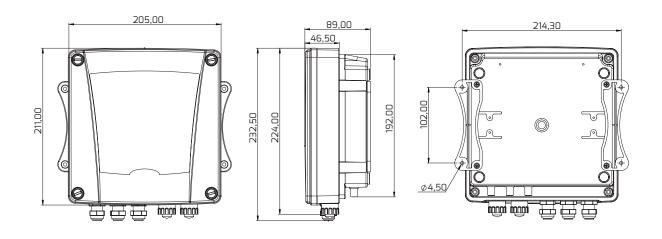


# **POOLSAVER TETRA**

#### pH & ORP Measuring and Controller

- It is a digital pH (0.00 14.00) and ORP (0 1600mV) measurement and control device.
- · Two relay outputs
- · Adjusting rod using buffer liquid, fully digital adjustment without the need for screwdrivers and automatic calibration
- · The ideal solution for swimming pools of all sizes thanks to its proportional control
- IP65 plastic body with high resistance to corrosive chemicals
- · Two fluid level control inputs
- · User password

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
2011000000000000	POOLSAVER TETRA	Ph & Orp Measurement And Controlling Device	27 x 30 x 13	1,58



#### Measurement and Control Devices Aquameter Series

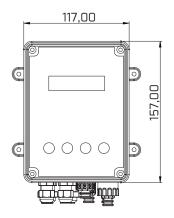


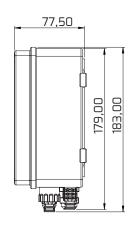
# **AQUAMETER**

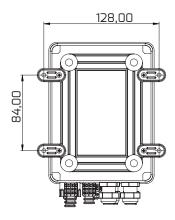
#### Single parameter Measurement and Control Device

- It is a digital pH (0.00 14.00), ORP(0-1000mV), conductivity (0.01 20.00 mS) measurement and control device.
- · Adjusting rod using buffer liquid, fully digital adjustment without the need for screwdrivers and automatic calibration
- Proportional control
- IP65 plastic body with high resistance to corrosive chemicals
- Analog control outputs (0-10mA, 0-20mA, 4-20mA, 0-5V, 0-10V 2-10V)
- · Control direction selections, user password, illuminated LCD display
- Automatic temperature compensation in measurements in pH and conductivity devices
- Programmable alarm output

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
20120000000000 AQUA	METER PH Ph Me	easurement And Controlling Device	21 x 24 x 18	1,17
201220000000000 AQUA	METER CON Condu	uctivity Measurement And Controlling Device	21 x 24 x 18	1,17
201210000000000 AQUA	METER ORP Orp N	Measurement And Controlling Device	21 x 24 x 18	1,17









Salt Chlorine Generators and Systems





# Salt Chlorine Generators Salt Ionic A Series



# **SALT IONIC A**

#### Salt Chlorine Generator with Touch-Screen and Manual operation setting

- Easy and flexible operation with touch-screen
- Manual operation and custom production rate setting for Mid-Day
- Production indicator, salt amount indicator and cell operation time indicator
- · Filter exit and external exit with Timed function
- · Filter tracking, water flow detection, pool cover detection, gas sensor entries
- Water temperature sensor entry
- High efficiency and low energy consumption with bipolar cell technology
- Display and audible warning for Warning / Alarm / Error situations
- Tracking and control on mobile application (Optional)
- Cloud server connection with IOT technology (Optional)







Stock Code	Model	gr/h	l	Package Sizes/cm W-L-H	Packed /eight/Kg
211000120000000   SALT IONIC A 12GR/H		12		44 x 18 x 36	4,85
211000240000000   SALT IONIC A 24GR/H		24		44 x 18 x 36	5,05
211000360000000   SALT IONIC A 36GR/H		36		44 x 18 x 36	5,40

	Stock Code	Stock Name	Description		uded ckage	Ur	nit Price (€)
	211050120000000 SALT I	ONIC CELL SET 12GR/H	Complete Cell Of Set, Cell Body And Connection Set For 12 Gr/H Models.	\	/		887
•	211050240000000 SALT I	ONIC CELL SET 24GR/H	Complete Cell Of Set, Cell Body And Connection Set For 24 Gr/H Models.		/		1.113
	211050360000000 SALT I	ONIC CELL SET 36GR/H	Complete Cell Of Set, Cell Body And Connection Set For 36 Gr/H Models.		/		1.360
U	211040120000000 SALT I	ONIC CELL 12GR/H	Inner Cell Plates And Holder For 12 Gr/H Models	)	<b>X</b>		739
	21104024000000 SALT I	ONIC CELL 24GR/H	Inner Cell Plates And Holder For 24 Gr/H Models	)	<b>×</b>		966
11	211040360000000 SALT I	ONIC CELL 36GR/H	Inner Cell Plates And Holder For 36 Gr/H Models	)	<b>X</b>		1.212
O	600114521001000  SALT I	ONIC CELL CABLE EXTENSION KIT	Connection Cable Between Cell And Controller.		× I		130
	410040180000010 ADDIT	IONAL MODUL SI WIFI	Mobile Supported Communication Module For Salt ionic.	)	<b>X</b>		530



#### **SALT IONIC PH**

#### Salt Chlorine Generator with Touch-Screen, pH Measurement and Control

- Easy and flexible operation with touch-screen
- Manuel and operation modes
- Custom productions rate setting for Mid-day when on manuel mode
- · Automatic operation at suitable pH values with pH measurement
- · Production indicator, salt amount indicator and cell operation time indicator Acid
- pump exit connected to the pH measurement
- Filter exit and external exit with Timed function
- · Filter tracking, water flow detection, pool cover detection, gas sensor entries
- · Acid level entry and water temperature sensor entry
- High efficiency and low energy consumption with bipolar cell technology
- Display and audible warning for Warning / Alarm / Error situations
- Tracking and control on mobile application (Optional)
- · Cloud server connection with IOT technology (Optional)



Stock Code	Model	gr/h	Package Sizes/cm W-L-H	Packed Weight/Kg
211010120000000   SALT IONIC PH 12GR/H		12	44 x 18 x 36	4,90
211010240000000   SALT IONIC PH 24GR/H		24	44 x 18 x 36	5,10
211010360000000   SALT IONIC PH 36GR/H		36	44 x 18 x 36	5,45

	Stock Code	Stock Name	Description	 cluded Package
1	211050120000000	SALT IONIC CELL SET 12GR/H	Complete Cell Of Set, Cell Body And Connection Set For 12 Gr/H Models.	<b>/</b>
	21105024000000	SALT IONIC CELL SET 24GR/H	Complete Cell Of Set, Cell Body And Connection Set For 24 Gr/H Models.	<b>/</b>
	211050360000000	SALT IONIC CELL SET 36GR/H	Complete Cell Of Set, Cell Body And Connection Set For 36 Gr/H Models.	<b>/</b>
I	211040120000000	SALT IONIC CELL 12GR/H	Inner Cell Plates And Holder For 12 Gr/H Models	X
	21104024000000	SALT IONIC CELL 24GR/H	Inner Cell Plates And Holder For 24 Gr/H Models	X
T	211040360000000	SALT IONIC CELL 36GR/H	Inner Cell Plates And Holder For 36 Gr/H Models	X
O	600114521001000	SALT IONIC CELL CABLE EXTENSION KIT	Connection Cable Between Cell And Controller.	X
	410040180000010	ADDITIONAL MODUL SI WIFI	   Mobile Supported Communication Module For Salt ionic.	X

# Salt Chlorine Generators Salt Ionic PR Series



#### **SALT IONIC PR**

#### Salt Chlorine Generator with Touch-Screen, pH & ORP Measurement and Control

- · Easy and flexible operation with touch-screen
- Manual and automatic operation modes
- Custom production rate setting for Mid-Day when on manual mode
- · Automatic operation according to pH and ORP (Redox) measurement
- · Production indicator, salt amount indicator and cell operation time indicator
- · Acid pump exit connected to the pH measurement
- · Filter exit and external exit with Timed function
- · Filter tracking, water flow detection, pool cover detection, gas sensor entries
- · Acid level entry and water temperature sensor entry
- High efficiency and low energy consumption with bipolar cell technology
- Display and audible warning for Warning / Alarm / Error situations
- Tracking and control on mobile application (Optional)
- · Cloud server connection with IOT technology (Optional)









Stock Code	Model	gr/h	Package Sizes/cm W-L-H	Packed Weight/Kg
211020120000000   SALT IONIC PR 12GR/H		12	44 x 18 x 36	4,90
211020240000000   SALT IONIC PR 24GR/H		24	44 x 18 x 36	5,10
211020360000000   SALT IONIC PR 36GR/H		36	44 x 18 x 36	5,45

	Stock Code	Stock Name	Description	 ncluded Package
	211050120000000 9	SALT IONIC CELL SET 12GR/H	Complete Cell Of Set, Cell Body And Connection Set For 12 Gr/H Models.	<b>/</b>
•	211050240000000	SALT IONIC CELL SET 24GR/H	Complete Cell Of Set, Cell Body And Connection Set For 24 Gr/H Models.	<b>/</b>
	211050360000000	SALT IONIC CELL SET 36GR/H	Complete Cell Of Set, Cell Body And Connection Set For 36 Gr/H Models.	<b>/</b>
Ţ	211040120000000	SALT IONIC CELL 12GR/H	Inner Cell Plates And Holder For 12 Gr/H Models	×
	211040240000000	SALT IONIC CELL 24GR/H	Inner Cell Plates And Holder For 24 Gr/H Models	×
11	211040360000000	SALT IONIC CELL 36GR/H	Inner Cell Plates And Holder For 36 Gr/H Models	×
O	600114521001000	SALT IONIC CELL CABLE EXTENSION KIT	Connection Cable Between Cell And Controller:	X
	410040180000010	ADDITIONAL MODUL SI WIFI	Mobile Supported Communication Module For Salt ionic.	X



# **SALT IONIC ASPH**

#### Touchscreen, with Acid Pumped pH & ORP Measurement and Control, Salt Chlorine Generator

- Easy and flexible operation with touch-screen
- Manuel and operation modes
- Custom productions rate setting for Mid-day when on manuel mode
- · Automatic operation at suitable pH values with pH measurement
- · Production indicator, salt amount indicator and cell operation time indicator Acid
- Pump exit connected to the pH measurement
- · Water flow detection with internal special design flow switch on the cell
- · 2 programmable external relay outputs (for External Chlorine Dosing Pump, Heat Pump,
- · Pool Lighting, and Waterfall Control options)
- · Programmable pool pump-filtration control with Timed function
- · On-off control of production with an external input from outside
- · Filter tracking, water flow detection, pool cover detection, gas sensor entries
- · Acid level entry and water temperature sensor entry
- · High efficiency and low energy consumption with bipolar cell technology
- 10.000 hours cell lifespan
- · Display and audible warning for Warning / Alarm / Error situations
- Tracking and control on mobile application (Optional)
- · Cloud server connection with IOT technology (Optional)
- Internal in 1 pc oem acid dosing pump 2.8L/3B









Stock Code	Model	gr/h	Package Sizes/cm W-L-H	Packed Weight/Kg
211010120020000   SALT IONIC ASPH 12GR/H		12	44 x 18 x 36	4,90
211010240020000   SALT IONIC ASPH 24GR/H		24	44 x 18 x 36	5,10
211010360020000   SALT IONIC ASPH 36GR/H		36	44 x 18 x 36	5,45

	Stock Code	Stock Name	Description	 luded in ackage
	410150011200001 PROBE HOLDER SET	P25	Electrode Ph 1m Sensor Xs Single Electrode Housing Filtered + Connection Kit Flow Cell + Ph Calibration Liquid	X
	410150011300001 PROBE HOLDER SET	P3S	Electrode Ph 6m Sensor Xs +Electrodefixinggland1/2-12mmpp + Ph Calibration Liquid	X
	410150021200001 PROBE HOLDER SET	P2E	Electrode Ph 1m E + Single Electrode Housing Filtered + Connection Kit Flow Cell + Ph Calibration Liquid	×
an '	410150021300001 PROBE HOLDER SET	P3E	Electrode Ph 6m E + Electrode Fixing Gland 1/2-12mm Pp + Ph Calibration Liquid	X
ii.	211040120000000 SALT IONIC CELL 120	GR/H	Inner Cell Plates And Holder For 12 Gr/H Models	X
	211040240000000   SALT IONIC CELL 24	GR/H	Inner Cell Plates And Holder For 24 Gr/H Models	X
	211040360000000   SALT IONIC CELL 36	GR/H	Inner Cell Plates And Holder For 36 Gr/H Models	X
O	600114521001000 SALT IONIC CELL CA	BLE EXTENSION KIT	Connection Cable Between Cell And Controller.	X
	410040180000010   ADDITIONAL MODUL	L SI WIFI	Mobile Supported Communication Module For Salt Ionic.	×
	600521010100100 YP ASPENDOSE OEM	M 2,8L/3B 24VDC	Built In Oem Peristaltic Pump For Salt Ionic Asph	<b>/</b>

# Salt Chlorine Generators Salt Ionic PR Series









# **SALT IONIC ASPR**

# Touchscreen, with Acid Pumped pH & ORP Measurement and Control, Salt Chlorine Generator

- Easy and flexible operation with touch-screen
- · Manuel and operation modes
- · Custom productions rate setting for Mid-day when on manuel mode
- · Automatic operation at suitable pH values with pH measurement
- · Production indicator, salt amount indicator and cell operation time indicator Acid
- pump exit connected to the pH measurement
- Flow switch with internal custom-designed flow sensor for water flow detection on the cell
- 2 programmable external relay outputs (External chlorine dosing pump - Heat pump - Heater)
- · Ability to provide pool lighting and waterfall control options
- Programmable pool pump-filtration control with Timed function
- · On-off control of production with an external input from outside
- · Filter tracking, water flow detection, pool cover detection, gas sensor entries

Included in

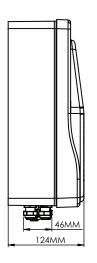
- · Acid level entry and water temperature sensor entry
- · High efficiency and low energy consumption with bipolar cell technology
- 10.000 hours cell lifespan
- · Display and audible warning for Warning / Alarm / Error situations
- · Tracking and control on mobile application (Optional)
- Cloud server connection with IOT technology (Optional)
- Internal in 1 pc oem acid Dosing Pump 2.8L/3B

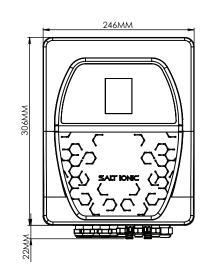
Stock Code	Model	gr/h	Package Sizes/cm W-L-H	Packed Weight/Kg
211020120020000   SALT IONIC ASPR 12GR/H		12	44 x 18 x 36	4,90
211020240020000   SALT IONIC ASPR 24GR/H		24	44 x 18 x 36	5,10
211020360020000   SALT IONIC ASPR 36GR/H		36	44 x 18 x 36	5,45

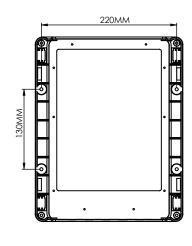
	Stock Code	Stock Name	Description	Package
	410150023200001 PROBE HOLDER SET	P25	Electrode Ph 1m Sensor Xs Single Electrode Housing Filtered + Connection Kit Flow Cell + Ph Calibration Liquid	X
	410150023300001 PROBE HOLDER SET	P3S	Electrode Ph 6m Sensor Xs +Electrodefixinggland1/2-12mmpp + Ph Calibration Liquid	X
	211050120000000   SALT IONIC CELL SE	T 12GR/H	Electrode Ph 1m E + Single Electrode Housing Filtered + Connection Kit Flow Cell + Ph Calibration Liquid	×
	211050240000000   SALT IONIC CELL SE	T 24GR/H	Electrode Ph 6m E + Electrode Fixing Gland 1/2-12mm Pp + Ph Calibration Liquid	X
	211050360000000   SALT IONIC CELL SE	T 36GR/H	Inner Cell Plates And Holder For 12 Gr/H Models	×
	211040120000000   SALT IONIC CELL 120	GR/H	Inner Cell Plates And Holder For 24 Gr/H Models	X
	211040240000000   SALT IONIC CELL 24	GR/H	Inner Cell Plates And Holder For 36 Gr/H Models	×
Ö	211040360000000   SALT IONIC CELL 36	GR/H	Connection Cable Between Cell And Controller.	X
	410040180000010 ADDITIONAL MODUL	L SI WIFI	Mobile Supported Communication Module For Salt Ionic.	×
	600521010100100 YP ASPENDOSE OEM	M 2,8L/3B 24VDC	Built In Oem Peristaltic Pump For Salt Ionic Asph	🗸

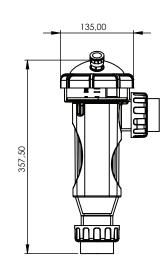
### **SALT IONIC TECHNICAL SPECIFICATIONS**

	SALT IONIC 12	SALT IONIC 2	24	SALT IONIC 36	
Production Capacity	12 gr/hour	24 gr/hour		36 gr/hour	
Cell Current	2.4A	4.8A		7.2A	
Cell Voltage	25	25		25	
Power	60 W	120 W		180 W	
Supply		190-240V A(	C 47 ~ 63Hz		
Rated Current	1.2A	1.7A		2.2A	
Need for Salt		4gr/l			
User Interface	320x240 65K Color TFT Resistive Touchscreen				

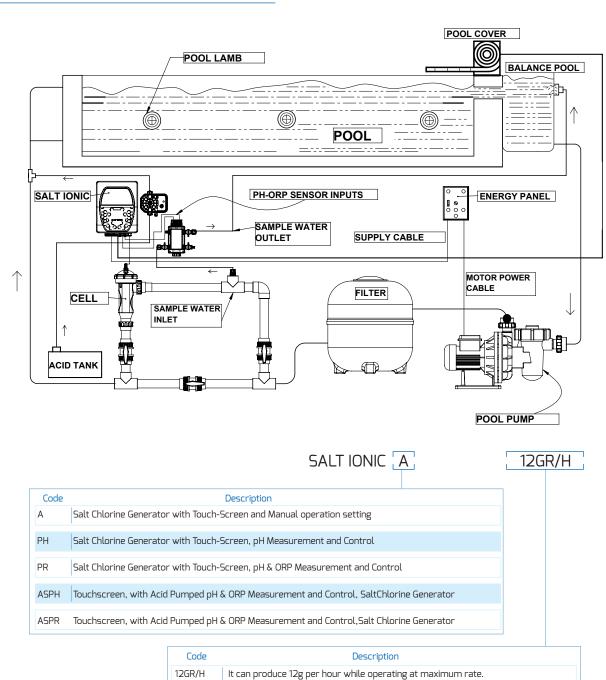








#### SALT IONIC SAMPLE WIRING DIAGRAM ONLY



It can produce 24g per hour while operating at maximum rate.

It can produce 36g per hour while operating at maximum rate.

24GR/H

36GR/H



#### Auxiliary System with pH measurement for Manual Salt Chlorine Generator

- · Connection elements mounted on 50x75 panel
- 1x Aspendose PR (ph controlled) Dosing Pump
- · Single-entry electrode housing cell with filter and connection parts
- · Calibration liquid and calibration stand
- pH electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
431001090302700   SYSTEM I2		Ph Measurement And Dosing System. For Salt Chlorine Generators Without Ph Measurement	78 x 54 x 19	5,25

	Stock Code	Stock Name	Description	Included in Package
	341025030100000   ASPENDOSE PR 2,5L/3	BB A ACFAT	Ph/Orp Measurement And Controlled Digital Peristaltic Dosing Pump	
4	421000010150010 ELECTRODE PH 1M SER	NSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	$\checkmark$
00+ 1 + 00	600112510010000   ELECTRODE HOUSING	SET 1	Flow Cell With Single inputs For 12 mm Sensors.	$\checkmark$
	600110400100010 MOUNTING SET FOR S	YSTEM 2	Connection Parts For Electrode Housing.	$\checkmark$
	42990000040020   CALIBRATION LIQUID F	PH 4 20ML	Ph 4 20Ml Calibration Liquid	<b>✓</b>
	42990000070020 CALIBRATION LIQUID F	PH 7 20ML	Ph 7 20Ml Calibration Liquid	<b>/</b>
10	410110030000000   LIQUOID LEVEL SET FO	DR SUCTION LINE PP	Dosing Pump Liquid Level Sensor Set	<b>/</b>
1	600112551000000   ELECTRODE HOUSING	FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
22 m	600112572000000   ELECTRODE HOUSING	CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	×

# Salt Chlorine Generator Systems System 13



# **SYSTEM 13**

#### Auxiliary System for Salt Chlorine Generator with pH Measurement

- · Connection elements mounted on 50x75 panel
- 1pc 2.8 L/3B Aspendose A Peristaltic Dosing Pump
- · Single-entry electrode housing cell with filter and connection parts
- · Calibration liquid and calibration stand
- pH electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
431001090302500   SYSTEM I3		Ph Dosing System For Ph Measured Salt Chlorine Generators	44 x 18 x 36	3,50

	Stock Code	Stock Name	Description	 cluded in Package
	340028030101000	ASPENDOSE A 2,8L/3B A 220AT	2,8 Lt/H 3 Bar Analog Peristaltic Dosing Pump	$\checkmark$
4	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
00+ ±-	600112510010000	ELECTRODE HOUSING SET 1	Flow Cell With Single inputs For 12 mm Sensors.	<b>/</b>
(3)	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Parts For Electrode Housing.	<b>/</b>
	429900000040020	CALIBRATION LIQUID PH 4 20ML	Ph 4 20Ml Calibration Liquid	<b>✓</b>
	429900000070020	CALIBRATION LIQUID PH 7 20ML	Ph 7 20Ml Calibration Liquid	<b>/</b>
<b>\</b> 0	410110030000000	LIQUOID LEVEL SET PP	Dosing Pump Liquid Level Sensor Set	X
į.	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
44 m	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	×



#### Auxiliary system with pH measurement for Manual Salt Chlorine Generator

- · Connection elements mounted on 50x75 panel
- · ·1pc Aspendoe PR (with pH control) Dosing Pump
- · Single-entry electrode housing cell with filter and connection parts
- · Calibration liquid and calibration stand
- pH electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
431001090301400   SYSTEM I4		Ph Dosing System For Ph & Orp Measured Salt Chlorine Generators	78 x 54 x 19	5,25

	Stock Code	Stock Name	Description	 ncluded Package
	340028030101000	ASPENDOSE A 2,8L/3B A 220AT	2,8 Lt/H 3 Bar Analog Peristaltic Dosing Pump	$\checkmark$
Å	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
4	421000110100030	ELECTRODE ORP 1M SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
00+	600112520011000	ELECTRODE HOUSING SET 2 NO FILTER	Electrode Housing With Dual inputs For 12 mm Sensors.	<b>/</b>
<b>(?</b> )	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Parts For Electrode Housing.	<b>/</b>
and the same	429900000040020	CALIBRATION LIQUID PH 4 20ML	Ph 4 20Ml Calibration Liquid	<b>/</b>
	429900000070020	CALIBRATION LIQUID PH 7 20ML	Ph 7 20Ml Calibration Liquid	<b>/</b>
	429901004750020	CALIBRATION LIQUID ORP 475 20ML	Orp 475 20Ml Calibration Liquid	<b>/</b>
<b>\</b> 0	410110030000000	LIQUOID LEVEL SET PP	Dosing Pump Liquid Level Sensor Set	×
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
1979 mg	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X

# Salt Chlorine Generator Systems System 15



# **SYSTEM 15**

#### Auxiliary System for Salt Chlorine Generator with pH Measurement

- · Connection elements mounted on 50x75 panel
- ·1pc 5L/10B Optima Dosing Pump
- · Single-entry electrode housing cell with filter and connection parts
- · Calibration liquid and calibration stand
- pH electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
431001090102100   SYSTEM I5		Ph Dosing System For Ph Measured Salt Chlorine Generators	78 X 54 X 19	6,68

	Stock Code	Stock Name	Description	 cluded in Package
<b>(</b> ].	307105010101000	DP OPTIMA A 5L/10B V220FAT	5L/10B Pvdf Headanalog Dosing Pump	$\checkmark$
4	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
***	600112510010000	ELECTRODE HOUSING SET 1	Flow Cell With Single inputs For 12 mm Sensors.	<b>/</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Parts For Electrode Housing.	<b>/</b>
Earner .	429900000040020	CALIBRATION LIQUID PH 4 20ML	Ph 4 20Ml Calibration Liquid	<b>/</b>
	429900000070020	CALIBRATION LIQUID PH 7 20ML	Ph 7 20Ml Calibration Liquid	<b>/</b>
<b>\</b> 0	410110030000000	LIQUOID LEVEL SET PP	Dosing Pump Liquid Level Sensor Set	×
	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
1777 m	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	×



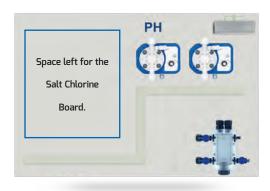
#### Auxiliary System for Salt Chlorine Generator with pH and ORP Measurement

- · Connection elements mounted on 50x75 panel
- 1pc 5L/10B Optima Dosing Pump
- · Double-entry electrode housing cell and connection parts
- · Calibration liquid and calibration stand
- pH and ORP electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
431001090102200   SYSTEM I6		Ph Dosing System For Ph & Orp Measured Salt Chlorine Generators	78 x 54 x 19	6,82

	Stock Code	Stock Name	Description	Included in Package
<b>(</b> 2.	307105010101000	DP OPTIMA A 5L/10B V220FAT	5L/10B Pvdf Head Analog Dosing Pump	
Å	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	
Å	421000110100030	ELECTRODE ORP 1M SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	
001 ju	600112520011000	ELECTRODE HOUSING SET 2 NO FILTER	Electrode Housing With Dual inputs For 12 mm Sensors.	
(3)	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Parts For Electrode Housing.	
	42990000040020	CALIBRATION LIQUID PH 4 20ML	Ph 4 20Ml Calibration Liquid	
	429900000070020	CALIBRATION LIQUID PH 7 20ML	Ph 7 20Ml Calibration Liquid	
	429901004750020	CALIBRATION LIQUID ORP 475 20ML	Orp 475 20Ml Calibration Liquid	
10	410110030000000	LIQUOID LEVEL SET PP	Dosing Pump Liquid Level Sensor Set	X
į.	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
444 m	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X

# Salt Chlorine Generator Systems System 18



# **SYSTEM 18**

#### Auxiliary System for Salt Chlorine Generator with pH and ORP Measurement

- · Connection elements mounted on 60x90 panel
- 2 x 5L/10b Optima Dosing Pump
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records ( 6x8 mm ) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode and ORP electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
431001090102600   SYSTEM I8		Ph And Additional Dosing System For Salt Chlorine Generators With Ph&Orp Measurement	96 x 66 x 16	9,90

	Stock Code	Stock Name	Description	 ncluded Package
<b>(</b> ]	307105010101000 DP OPTIMA A 5L/10B	V220FAT	5L/10B Pvdf Head Analog Dosing Pump	<b>/</b>
1	421000010150010 ELECTRODE PH 1M SE	NSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
	421000110100030 ELECTRODE ORP 1M S	ENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
004	600112520011000 ELECTRODE HOUSING	SET 2 NO FILTER	Electrode Housing With Dual inputs For 12 mm Sensors.	<b>/</b>
	600110400100010 MOUNTING SET FOR S	SYSTEM 2	Connection Parts For Electrode Housing.	<b>/</b>
The state of the s	429900000040020 CALIBRATION LIQUID	PH 4 20ML	Ph 4 20Ml Calibration Liquid	<b>/</b>
	429900000070020 CALIBRATION LIQUID	PH 7 20ML	Ph 7 20Ml Calibration Liquid	<b>/</b>
	429901004750020 CALIBRATION LIQUID	ORP 475 20ML	Orp 475 20Ml Calibration Liquid	<b>/</b>
<b>\</b> 0	410110030000000 LIQUOID LEVEL SET P	Р	Dosing Pump Liquid Level Sensor Set	X
	600112551000000 ELECTRODE HOUSING	FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
777 AP	600112572000000 ELECTRODE HOUSING	CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# 05

#### Systems

Time and convenience for re-preparation of process water are among the priorities of the applicator. At this point, ready packs and systems are one step ahead in terms of time saving and convenience during the application. AnTech combines the models of its product family for easy and quick mounting and provides you with ready packs. The group of AnTech Systems is composed of the Measuring and Controlling Device mounted on the panel, Dosing Pumps, Sensors, Sample Flow Cells, Calibration Liquids, Calibration Stand, Basic User Manual and Installation Kits.

Our AnTech experts provide the most appropriate ready packs for standard applications and develop customized packs for your specific applications.







#### Optima Pumped Pool Control System with pH&ORP Measurement

- · All connection components mounted on 50x75 panel
- Poolsaver Tetra
- 2 level sensor inputs, 1 flow switch input
- · 2pcs 5L/10B Optima A Dosing Pump
- · Double input electrode housing cell
- Calibration liquids and calibration stand
- pH and ORP electrode
- (pH and ORP electrodes are model E at SYSTEM 05 E.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
103441841815200   SYSTEM 05		Ph&Orp Measurement System With 5L/10B Dosing Pump	78 x 54 x 19	11,40
103441841815000   SYSTEM 05 E		Ph&Orp Measurement System With 5L/10B Dosing Pump	78 x 54 x 19	11,40

	Stock Code	Stock Name	Description	Included in Package
	201100000000000 POOLSAVER TETRA		Ph & Orp Measurement And Controlling Device. For All Models	<b>✓</b>
	307105010101000 DP OPTIMA A 5L/10B	V220FAT	5L/10B Pvdf Head Analog Dosing Pump (2Pcs). For All Models	$\checkmark$
4	421000010150010 ELECTRODE PH 1M SEI	NSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>✓</b>
1	421000110100030 ELECTRODE ORP 1M S	ENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
*	421000000100010   ELECTRODE PH 1MT E		Combined Ph Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
*	421000100100010 ELECTRODE ORP 1M E		Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
***	600112520011000 ELECTRODE HOUSING	SET 2 NO FILTER	Electrode Housing With Dual inputs For 12 mm Sensors.	<b>/</b>
(3)	600110400100010 MOUNTING SET FOR S	YSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
10/	410110030000000 LIQUOID LEVEL SET PI	P	Dosing Pump Liquid Level Sensor Set PP. For All Models	×
	600112551000000 ELECTRODE HOUSING	FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected) For All Models	X
77 4°	600112572000000 ELECTRODE HOUSING	CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing. For All Models	X





### Lara Pumped Pool Control System with pH&ORP Measurement

- · All connection components mounted on 50x75 panel
- Poolsaver Tetra
- · 2 level sensor inputs, 1 flow switch input
- · 2pcs 5L/7B Lara A Dosing Pump
- · Double input electrode housing cell
- · Calibration liquids and calibration stand
- pH and ORP electrode
- (In SYSTEM 04 E, pH and ORP electrodes are model E.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
103411411415200   SYSTEM 04		Ph&Orp Measurement System With 5L/7B Dosing Pump	78 x 54 x 19	11,40
103411411415000 SYSTEM 04 E		Ph&Orp Measurement System With 5L/7B Dosing Pump	78 x 54 x 19	11,40

	Stock Code	Stock Name	Description	Included in Package
	20110000000000   POOLSA	VER TETRA	Ph & Orp Measurement And Controlling Device. For All Models	<b>/</b>
	301105007101000 DP LARA	A 5L/7B V220FAT	5L/7B Pvdf Head Analog Dosing Pump (2Pcs) For All Models	
Å	421000010150010 ELECTR	DDE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
1	421000110100030 ELECTR	DDE ORP 1M SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	
*	421000000100010 ELECTR	DDE PH 1MT E	Combined Ph Electrode With 1 Meter Cable And Bnc Connector, For E Models	
•	421000100100010 ELECTR	DDE ORP 1M E	Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models	
00+	600112520011000 ELECTR	DDE HOUSING SET 2 NO FILTER	Electrode Housing With Dual inputs For 12 mm Sensors. For All Models.	
(3)	600110400100010 MOUNTI	NG SET FOR SYSTEM 2	Connection Sets for Electrode Housings	
<b>\</b> O\	410110030000000 LIQUOID	LEVEL SET PP	Dosing Pump Liquid Level Sensor Set. For All Models.	X
1	600112551000000 ELECTRO	DDE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected) For All Models	X
1979 · Str	600112572000000 ELECTR	DDE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing. For All Models	X





# pH&ORP Measured Nano pumped Pool Control System

- · All connection components mounted on 45x60 panel
- Poolsaver Tetra
- 2 level sensor inputs, 1 flow switch input
- · 2pcs 5L/5B Nano A Dosing Pump
- · Double input electrode housing cell
- Calibration liquids and calibration stand
- pH and ORP electrode
- (pH and ORP electrodes are model E at SYSTEM 03 E.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
102131331315200   SYSTEM 03		Ph&Orp Measurement System With 5L/5B Dosing Pump	65 x 51 x 16	8,40
102131331315000 SYSTEM 03 E		Ph & Orp Measurement System With 5L/5B Dosing Pump	65 x 51 x 16	8,40

	Stock Code	Stock Name	Description	 ncluded Package
	201100000000000	POOLSAVER TETRA	Ph & Orp Measurement And Controlling Device. For All Models	<b>✓</b>
	302105005101000	DP NANO A 5L/5B V220FAT	5L/5B Pp Head Analog Dosing Pump (2Pcs). For All Models	<b>/</b>
i e	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
1	421000110100030	ELECTRODE ORP 1M SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
٨	421000000100010	ELECTRODE PH 1MT E	Combined Ph Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
*	421000100100010	ELECTRODE ORP 1M E	Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
•••	600112520011000	ELECTRODE HOUSING SET 2 NO FILTER	Electrode Housing With Dual inputs For 12 mm Sensors. For All Models.	<b>/</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
10/	410110030000000	LIQUOID LEVEL SET PP	Dosing Pump Liquid Level Sensor Set. For All Models.	X
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve.   (Clamp Connected) For All Models	X
44. A.	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing. For All Models	×





# **SYSTEM AQUATIC**

#### Peristaltic Pump Pool Control System with pH&ORP Measurement

- · All connection components mounted on 45x60 panel
- AQUATIC 5.1L/0.5B or AQUATIC 2,8L/3B option
- · 2 level sensor inputs, 1 flow switch input
- · Double input electrode housing cell
- · Calibration liquids and calibration stand
- pH and ORP electrode
- (The pH and ORP electrodes in the SYSTEM Aquatic E are model E.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg	Unit Price (€)
105160152000000   SYS	TEM AQUATIC 2,8L/3B	Ph & Orp Measurement System With 2,8L/3B Dosing Pump	65 x 51 x 16	6,70	1.411
105160150000000   SYS	TEM AQUATIC 2,8L/3B E	Ph & Orp Measurement System With 2,8L/3B Dosing Pump "E"	65 x 51 x 16	6,70	1.317

	Stock Code	Stock Name	Description	Included in Package
00	201312000000000 AQ	UATIC 220 2,8L/3B R	Ph & Orp Measuring, Controlling, And Dosing Device	<b>/</b>
1	421000010150010 EL	ECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
	421000110100030 EL	ECTRODE ORP 1M SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>✓</b>
Å	421000000100010 EL	ECTRODE PH 1MT E	Combined Ph Electrode With 1 Meter Cable And Bnc Connector,   For E Models	<b>/</b>
•	421000100100010 EL	ECTRODE ORP 1M E	Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>✓</b>
00) - 00) -	600112520011000 EL	ECTRODE HOUSING SET 2 NO FILTER	Electrode Housing With Dual inputs For 12 mm Sensors. For All Models.	<b>/</b>
	600110400100010 MC	DUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
10/	410110030000000 LIQ	OUOID LEVEL SET PP	Dosing Pump Liquid Level Sensor Set. For All Models.	X
	600112551000000 EL	ECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected) For All Models	X
1947 at	600112572000000 EL	ECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing. For All Models	X





# SYSTEM 02

#### pH&ORP Measured Pool Control System

- · All connection components mounted on 60x90 panel
- $\boldsymbol{\cdot}$  Poolsaver Tetra with measuring and control device
- · 2 level sensor inputs, 1 flow switch input
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH and ORP electrode (pH and ORP electrodes in SYSTEM 02 E are E model.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
102200000020200 SYSTEM 02		Ph & Orp Measurement System	96 x 66 x 16	6,85
102200000020000 SYSTEM 02 E		Ph & Orp Measurement System	96 x 66 x 16	6,85

	Stock Code	Stock Name	Description	 ncluded Package
	201100000000000 POOLSAVER TETRA		Ph & Orp Measurement And Controlling Device. For All Models	<b>✓</b>
4	421000010150010 ELECTRODE PH 1M SEN	ISOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
4	421000110100030 ELECTRODE ORP 1M SE	NSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
*	421000000100010   ELECTRODE PH 1MT E		Combined Ph Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
•	421000100100010   ELECTRODE ORP 1M E		Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
00)   (4 )   (40 + 1   1   10-	600112520010000   ELECTRODE HOUSING 9	SET 2	Electrode Housing With Dual input For 12 mm Sensors.   For All Models,	<b>/</b>
(3)	600110400100010 MOUNTING SET FOR SY	YSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
<b>\</b> 0/	410110030000000   LIQUOID LEVEL SET PP		Dosing Pump Liquid Level Sensor Set. For All Models.	X
	600112551000000   ELECTRODE HOUSING R	FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected) For All Models	×
	600112572000000 ELECTRODE HOUSING (	CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing, For All Models	×





# **SYSTEM 02 DP 450**

#### Lara Pumped Pool Control System with pH&ORP Measurement

- · All connection components mounted on 60x90 panel
- · Poolsaver Tetra with measuring and control device
- 2pcs DP Lara A 5L/7B V220FAT dosing pump
- · 2 level sensor inputs, 1 flow switch input
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH and ORP electrode (pH and ORP electrodes are model E in SYSTEM 02 DP 450 E.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
102211411420200   SYSTEM 02 DP	450	Ph & Orp Measurement System With 2X Lara A 5Lt/7B Dosing Pump	96 x 66 x 16	11,95
102211411420000   SYSTEM 02 DP	450 E	Ph & Orp Measurement System With 2X Lara A 5Lt/7B Dosing Pump	96 x 66 x 16	11,95

	Stock Code	Stock Name	Description	Included in Package
	201100000000000 POOLSAVER TETR	A	Ph & Orp Measurement And Controlling Device. For All Models	
	301105007101000 DP LARA A 5L/7B	V220FAT	5L/7B Pvdf Head Analog Dosing Pump (2Pcs). For All Models	
i e	421000010150010 ELECTRODE PH 1M	M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
1	421000110100030   ELECTRODE ORP	IM SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	
*	421000000100010   ELECTRODE PH 1M	MT E	Combined Ph Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
*	421000100100010   ELECTRODE ORP	IM E	Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models	
00-1   11   1-00 -1   11   1-00	600112520010000   ELECTRODE HOUS	5ING SET 2	Electrode Housing With Dual input, Dirt Trap Pre Filter-Ed For 12 mm Sensors. For All Models.	<b>/</b>
(3)	600110400100010 MOUNTING SET F	OR SYSTEM 2	Connection Sets for Electrode Housings	
<b>'</b> O'	410110030000000   LIQUOID LEVEL S	ET PP	Dosing Pump Liquid Level Sensor Set. For All Models.	×
1	600112551000000   ELECTRODE HOUS	SING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected) For All Models	×
1979 AP	600112572000000 ELECTRODE HOUS	SING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing. For All Models	×





# **SYSTEM 02 DP 750**

#### pH&ORP Measured Pool Control System with Lara Pump

- · All connection components mounted on 60x90 panel
- · Poolsaver Tetra with measuring and control device
- 2pcs DP Lara A 10L/5B V220FAT dosing pump
- · 2 level sensor inputs, 1 flow switch input
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH and ORP electrode
   (pH and ORP electrodes are model E at SYSTEM 02 DP 750 E.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
102211511520200 SYSTEM 02	DP 750	Ph & Orp Measurement System With 2X Lara A 10Lt/5B Pump	96 x 66 x 16	11,95
102211511520000 SYSTEM 02	DP 750 E	Ph & Orp Measurement System With 2X Lara A 10Lt/5B Pump	96 x 66 x 16	11,95

	Stock Code	Stock Name	Description	 ncluded Package
	201100000000000	POOLSAVER TETRA	Ph & Orp Measurement And Controlling Device. For All Models	<b>/</b>
	301110005101000	DP LARA A 10L/5B V220FAT	10L/5B Pvdf Head Analog Dosing Pump (2Pcs) For All Models	<b>/</b>
4	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
1	421000110100030	ELECTRODE ORP 1M SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
*	421000000100010	ELECTRODE PH 1MT E	Combined Ph Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
*	421000100100010	ELECTRODE ORP 1M E	Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
	600112520010000	ELECTRODE HOUSING SET 2	Electrode Housing With Dual input For 12 mm Sensors. For All Models.	<b>✓</b>
(3)	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
<b>\</b> 0	410110030000000	LIQUOID LEVEL SET PP	Dosing Pump Liquid Level Sensor Set. For All Models.	X
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve.   (Clamp Connected) For All Models	X
1979 AP	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing. For All Models	×



### **SYSTEM 02 DP 1500**

#### Nove Pumped Pool Control System with pH&ORP Measurement

- · All connection components mounted on 60x90 panel
- · Poolsaver Tetra with measuring and control device
- · 2pcs DP Nova A 25L5B VACFAT dosing pumps
- · 2 level sensor inputs, 1 flow switch input
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH and ORP electrode (pH and ORP electrodes are model E at SYSTEM 02 DP 1500 E.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
102221721720200 SYSTEM 02	DP 1500	Ph & Orp Measurement System With 2X Nova A 25Lt/5B Pump	96 x 66 x 16	13,50
102221721720000 SYSTEM 02	DP 1500 E	Ph & Orp Measurement System With 2X Nova A 25Lt/5B Pump	96 x 66 x 16	13,50

	Stock Code	Stock Name	Description	 cluded in Package
	2011000000000000	POOLSAVER TETRA	Ph & Orp Measurement And Controlling Device. For All Models	<b>/</b>
	306125005302000	DP NOVA A 25L/5B VACFAT	25L/5B Pvdf Head Analog Dosing Pump (2Pcs). For All Models	<b>/</b>
i e	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
1	421000110100030	ELECTRODE ORP 1M SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
*	421000000100010	ELECTRODE PH 1MT E	Combined Ph Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>✓</b>
*	421000100100010	ELECTRODE ORP 1M E	Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models	<b>/</b>
000 H 1000	600112520010000	ELECTRODE HOUSING SET 2	Electrode Housing With Dual input For 12 mm Sensors. For All Models,	<b>✓</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
<b>'</b> O'	410110030000000	LIQUOID LEVEL SET PP	Dosing Pump Liquid Level Sensor Set. For All Models.	X
ŀ	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected) For All Models	X
1717 at	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing. For All Models	X



# **SYSTEM OMNICON PH ORP**

#### pH & ORP Measurement and Control System

- · All connection components mounted on 60x90 panel
- OmniCon pH ORP
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH and ORP electrode
- (The pH and ORP electrodes in the SYSTEM Omnicon pH ORP E are model E.)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101211000150000	SYSTEM OMNICON PH ORP	Ph & Orp Measurement And Controlling System	96 x 66 x 16	7,05
101211000150001	SYSTEM OMNICON PH ORP E	Ph & Orp Measurement And Controlling System "E"	96 x 66 x 16	7,05

	Stock Code	Stock Name	Description		luded ackage
	201011000000000 OMNICON PH ORP		Ph & Orp Measurement And Controller Device. For All Models		
4	421000010150010 ELECTRODE PH 1M SEN	ISOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector		
1	421000110100030 ELECTRODE ORP 1M SE	NSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector		
•	421000000100010   ELECTRODE PH 1MT E		Combined Ph Electrode With 1 Meter Cable And Bnc Connector, For E Models		
•	421000100100010   ELECTRODE ORP 1M E		Combined Orp Electrode With 1 Meter Cable And Bnc Connector, For E Models		
1 1 1 100	600112520010000 ELECTRODE HOUSING	5ET 2	Electrode Housing With Dual input Dirt Trap Pre Filter-Ed For 12 mm Sensors. For All Models,		
	600110400100010 MOUNTING SET FOR SY	YSTEM 2	Connection Sets for Electrode Housings		
1	600112551000000   ELECTRODE HOUSING R	FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected) For All Models	)	×
では	600112572000000 ELECTRODE HOUSING (	CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing. For All Models	`	X



# SYSTEM OMNICON PH FCLp TEMP

pH & Potentiostatic Free Chlorine & Temperature Measurement and Control System

- · All connection components mounted on 60x90 panel
- · OmniCon pH FClp Temp
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode and 0-10 ppm potentiostatic free chlorine electrode
- Temperature sensor

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101100080100000	SYSTEM OMNICON 1010 PH FCLp TEMP	Ph & Free Chlorine Potentiostatic & Temperature Measurement And Controlling System	96 x 66 x 16	8,35

	Stock Code	Stock Name	Description	 cluded in Package
	201014000000000 OMNICON 1010 PH FCLF	PTEMP	Ph & Free Chlorine Potentiostatic & Temperature Measurement And Controller Device	<b>✓</b>
ļ.	421000010150010 ELECTRODE PH 1M SENSOR XS		Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
	421002320003010 ELECTRODE POTANSIO	STATIC S8	Potentiostatic Free Chlorine Electrode 0 10 Ppm With 58 Connector	<b>/</b>
8	760204060000007 CABLE SET E COAXIAL	SENSOR S8-BNC 1.5 MT	1.5 Meter Cable For Glass Ph Electrode With S8 Connector.	<b>/</b>
	600112560000000 ELECTRODE HOUSING 9	SET POTENTIOSTATIC	Potentiostatic Electrode Flow Housing Set.	<b>/</b>
988	410270010000000 FLOWREG		Flow Compensator Measurement And Control Kit	<b>/</b>
(3)	600110400100010 MOUNTING SET FOR SY	STEM 2	Connection Sets for Electrode Housings	<b>✓</b>



# SYSTEM OMNICON PH FCL SELECTIVE

#### pH & Free Chlorine Measurement and Control System

- · All connection components mounted on 60x90 panel
- · OmniCon pH FCL Selective
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode and 0-5 ppm ion selective free chlorine electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101210010220000 SYST	EM OMNICON PH FCL SELECTIVE	Ph & Free Chlorine Selective Measurament And Controlling System	96 x 66 x 16	7,55

	Stock Code	Stock Name	Description	 ncluded Package
	201010080000000 OMNICO	N PH FCL SELECTIVE	Ph & Free Chlorine Selective Measurament And Controller Device	<b>/</b>
Å e	421000010150010 ELECTRODE PH 1M SENSOR XS Co		Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
/	421000320101020 ELECTRO	DDE FCL/O 5 PPM SELECTIVE	Free Chlorine ion Selective Electrode 0 5 Ppm With 1 Meter Cable, Mic Connector.	<b>/</b>
	600112510050000 ELECTRO	DDE HOUSING SET 1-1SL	Flow Cell With Dual input And Dirt Trap Pre Filter-Ed. For 12 mm Sensors And ion Selective Sensors.	<b>/</b>
(3)	600110400100010 MOUNTI	NG SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
į.	600112551000000 ELECTRO	DDE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
444 m	600112572000000 ELECTRO	DDE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **SYSTEM OMNICON PH FCL**

#### pH & Amperometric Free Chlorine Measurement and Control System

- · All connection components mounted on 60x90 panel
- · OmniCon pH FCl
- Dirt trap pre-filter
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode and Amperometric free chlorine cell ( 0-10 ppm)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101210010240000 SYSTEM	M OMNICON PH FCL	Ph & Amperometric Free Chlorine Measur- ament And Controlling System	96 x 66 x 16	8,25

	Stock Code	Stock Name	Description	Included in Package
	201010010000000	OMNICON PH FCL	Ph & Amperometric Free Chlorine Measurament And Controller Device	<b>/</b>
Å	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
W	600510010111000	AMPEROMETRIC FREE CHLORINE CELL	Amperometric Free Chlorine Electrode 0 10 Ppm (Cu-Pt) , With 1 Meter Cable, Bnc Connector.	<b>/</b>
12	600112410010000	ELECTRODE HOUSING SET FCL	Electrode Housing For 12mm Sensors. With Double input, Dirt Trap Pre Filter-Ed And Amperometric Free Chlorine Electrode.	<b>/</b>
(2)	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve.   (Clamp Connected)	×
44°	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	×

### SYSTEM OMNICON PH ORP FCL SELECTIVE



#### pH & ORP & Free Chlorine Measurement and Control System

- · All connection components mounted on 60x120 panel
- OmniCon pH ORP FCl Selective
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- Calibration liquids and calibration stand
- pH and ORP electrode
- 0-5 ppm ion selective free chlorine electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101311010320000	SYSTEM OMNICON PH ORP FCL SELECTIVE	Ph & Orp & Free Chlorine Measurament And Controlling System	126 x 66 x 16	9,30

	Stock Code	Stock Name	Description	 ncluded Package
	201011010000010 OMNICON PH ORP FCL	SELECTIVE	Ph & Orp & Free Chlorine Measurament And Controller Device	<b>/</b>
l l	421000010150010   ELECTRODE PH 1M SENSOR XS     Co	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>	
1	421000110100030 ELECTRODE ORP 1M S	ENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
/1	421000320101020 ELECTRODE ECL/O 5 PPM SELECTIVE		Free Chlorine ion Selective Electrode 0 5 Ppm With 1 Meter Cable, Mic Connector.	<b>/</b>
	600112520030000 ELECTRODE HOUSING	SET 2-1SL	Electrode Housing Dirt Trap Pre Filter-Eded With Dual input For 12 mm Sensors And Single input For ion Selective Sensors	<b>✓</b>
	600110400100010 MOUNTING SET FOR S	JIIZSZUUJUUUU   ELECTRODE HOUSING SET Z-ISL	Connection Sets for Electrode Housings	<b>/</b>
1	600112551000000 ELECTRODE HOUSING	FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
1777 AP	600112572000000 ELECTRODE HOUSING	CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The	X



# SYSTEM OMNICON PH ORP FCL

pH & ORP & Amperometric Free Chlorine Measurement and Control System

- · All connection components mounted on 60x90 panel
- · OmniCon pH ORP FCL
- Dirt trap pre-filter
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH and ORP electrode
- Amperometric free chlorine cell ( 0-10 ppm)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101211010240000	SYSTEM OMNICON PH ORP FCL	Ph & Orp & Free Chlorine Measurement And Controlling System	96 x 66 x 16	8,45

	Stock Code	Stock Name	Description	 cluded in Package
	201011010000000 OMNICON PH ORP F	CL	Ph & Orp & Free Chlorine Measurement And Controller Device	$\checkmark$
4	421000010150010 ELECTRODE PH 1M SENSOR XS	SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
4	421000110100030 ELECTRODE ORP 1M SENSOR XS Combi		Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
W	600510010111000   AMPEROMETRIC FR	EE CHLORINE CELL	Amperometric Free Chlorine Electrode O 10 Ppm (Cu-Pt) , With 1 Meter Cable, Bnc Connector.	<b>/</b>
	600112410010000   ELECTRODE HOUSIN	NG SET FCL	Electrode Housing Dirt Trap Pre Filter-Eded With Dual input For 12 mm Sensors And Single input For ion Selective Sensors	<b>/</b>
	600110400100010 MOUNTING SET FOR	R SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000   ELECTRODE HOUSIN	NG FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
1979 m	600112572000000 ELECTRODE HOUSIN	NG CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# SYSTEM OMNICON PH H<sub>2</sub>O<sub>2</sub> SELECTIVE

#### pH & Hydrogen Peroxide Measurement and Control System

- · All connection components mounted on 60x90 panel
- · OmniCon pH hydrogen Selective
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode and 0-200 ppm ion selective hydrogen peroxide electrode
- · Optional 0-500 ppm ion selective hydrogen peroxide electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101210060220000	SYSTEM OMNICON PH HYDROGEN PEROXIDE	Ph & Hydrogen Peroxide Measurament And Controlling System	96 x 66 x 16	7,55

	Stock Code	Stock Name	Description	Includ	
	201010070000000	OMNICON PH H2O2	Ph & Hydrogen Peroxide Measurament And Controller Device	<b>/</b>	
4	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>	
1	421000720101010	ELECTRODE H202/0 500 PPM SELECTIVE	Hydrogen Peroxide Selective Electrode 0 500 Ppm With 1 Meter Cable And Mic Connector	<b>/</b>	
BOA   100	600112510050000	ELECTRODE HOUSING SET 1-1SL	Electrode Housing Dual input With Dirt Trap Pre Filter-Eded. For 12 mm Sensors And ion Selective Sensors	<b>/</b>	
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>	
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X	
494 A	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	×	



# SYSTEM OMNICON FCL SELECTIVE

#### Free Chlorine Measurement and Control System

- · All connection components mounted on 50x75 panel
- · OmniCon FCl Selective
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- Calibration rack
- · 0-2 ppm ion selective free chlorine electrode
- · With optional 0-5 ppm or 0-200 ppm ion selective free chlorine electrode preferences

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101100010120000	SYSTEM OMNICON FCL SELECTIVE	Free Chlorine Selective Measurement And Controlling System	78 x 54 x 19	5,55

	Stock Code	Stock Name	Description	 luded in ackage
	201000080000000	OMNICON FCL SELECTIVE	Free Chlorine Selective Measurement And Controller Device	$\checkmark$
Í	421000320101010	ELECTRODE FCL/O 2 PPM SELECTIVE	Free Chlorine ion Selective Electrode 0 2 Ppm With 1 Meter Cable And Mic Connector	<b>/</b>
004   H   H   H   H   H   H   H   H   H	600112510030000	ELECTRODE HOUSING SET 1SL	Electrode Housing For ion Slective Sensor With Dirt Trap Pre Filter-Ed .	<b>✓</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve.   (Clamp Connected)	X
1997 APP	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **SYSTEM OMNICON FCL**

#### Free Chlorine Measurement and Control System

- · All connection components mounted on 60x90 panel
- OmniCon FCl WTAC
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- Calibration rack
- · Amperometric free chlorine cell ( 0-10 ppm)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101100010240000 SYSTE	EM OMNICON FCL	Amperometric Free Chlorine Measurement And Controlling System	96 x 66 x 16	7,95

	Stock Code	Stock Name	Description	Included 1 Package
	201000010000000 OMNICON R	FCL	Free Chlorine Measurement And Controller Device Wtac	<b>/</b>
11	600510010111000 AMPEROM	ETRIC FREE CHLORINE CELL	Amperometric Free Chlorine Electrode 0 10 Ppm (Cu-Pt) , With 1 Meter Cable, Bnc Connector.	<b>/</b>
1	600112410010000 ELECTROD	E HOUSING SET FCL	Electrode Housing For 12mm Sensors. With Double input, Dirt Trap Pre Filter-Ed And Amperometric Free Chlorine Electrode.	<b>✓</b>
	600110400100010 MOUNTING	SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>





# **SYSTEM OMNICON OZONE**

#### Ozone Measurement and Control System

- All connection components mounted on 50x75 panel
- OmniCon Ozone
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- Calibration rack
- · 0-2 ppm ion selective ozone electrode
- With optional 0-5 ppm or 0-20 ppm ion selective ozone electrode preferences

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101100050120000 SYSTEM	M OMNICON OZONE	Ozone Measurement And Controlling System	78 x 54 x 19	5,55

	Stock Code	Stock Name	Description	 cluded in Package
	201000050000000	OMNICON O3	Ozone Measurement And Controlling Device 03	$\checkmark$
/	421000620101010	ELECTRODE OZONE /O 2 PPM SELECTIVE	ion Selective Ozone Electrode 0 2 Ppm With 1 Meter Cable, Mic Connector.	<b>/</b>
-	600112510030000	ELECTRODE HOUSING SET 1SL	Electrode Housing For ion Slective Sensor With Dirt Trap Pre Filter-Ed .	<b>✓</b>
(3)	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	×
1979 - Str.	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	×



# SYSTEM OMNICON PH CLO<sub>2</sub>p TEMP

pH & Potentiostatic Chlorine Dioxide & Temperature Measurement and Control System

- · All connection components mounted on 60x90 panel
- · OmniCon pH ClO2p Temp
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode and 0-10 ppm potentiostatic chlorine dioxide electrode
- Temperature sensor

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101102070120000	SYSTEM OMNICON 1010 PH CLO2p TEMP	Ph & Chlorine Dioxide - Potansiostatic & Temperature Measurement And Controlling System	96 x 66 x 16	8,35

	Stock Code	Stock Name	Description	 ncluded Package
	201015000000000 OMNICON 1010 PH CLO	2p TEMP	Ph & Chlorine Dioxide - Potansiostatic & Temperature Measurement And Controlling Device	<b>✓</b>
Į.	421000010150010 ELECTRODE PH 1M SEN	ISOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
•	421002320003010 ELECTRODE POTANSIO	STATIC S8	Potentiostatic Chlorine Dioxide Electrode. With S8 Connector, 0 10 Ppm	<b>/</b>
8	760204060000007 CABLE SET E COAXIAL	SENSOR S8-BNC 1.5 MT	1.5 Meter Cable For Glass Ph Electrode With S8 Connector.	<b>/</b>
	600112560000000 ELECTRODE HOUSING 9	SET POTENTIOSTATIC	Electrode Flow Housing Set.	<b>/</b>
998	410270010000000 FLOWREG		Flow Compensator Measurement And Control Kit	<b>/</b>
(3)	600110400100010 MOUNTING SET FOR SY	STEM 2	Connection Sets for Electrode Housings	<b>✓</b>





# **SYSTEM OMNICON CLO<sub>2</sub>**

#### Chlorine Dioxide Measurement and Control System

- · All connection components mounted on 50x75 panel
- · OmniCon chlorine Dioxide
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- Calibration rack
- · 0-2 ppm ion selective chlorine dioxide electrode
- Optional 0-10 ppm ion selective chlorine dioxide electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101100070120000 SY	STEM OMNICON CHLORINE DIOXIDE	Chlorine Dioxide Measurement And Controlling System	78 x 54 x 19	5,55

	Stock Code	Stock Name	Description	 luded in ackage
	201011070000000	OMNICON CLO2	Chlorine Dioxide Measurement And Controlling Device	<b>✓</b>
É	421000520101020	ELECTRODE CLO2/0 2 PPM SELECTIVE	ion Selective Chlorine Dioxide Electrode 0 2 Ppm . With 1 Meter Cable, Mic Connector	<b>/</b>
BOOK HANDERS	600112510030000	ELECTRODE HOUSING SET 1SL	Electrode Housing For ion Slective Sensor With Dirt Trap Pre Filter-Ed .	<b>/</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	×
25 m	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **SYSTEM OMNICON H2O2**

#### Hydrogen Peroxide Measurement and Control System

- · All connection components mounted on 50x75 panel
- · OmniCon Hydrogen Peroxide
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration rack
- 0-200 ppm ion selective hydrogen peroxide electrode
- · Optional 0-500 ppm ion selective hydrogen peroxide electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101100060120000	SYSTEM OMNICON HYDROGEN PEROXIDE	Hydrogen Peroxide Measurement And Controlling System	78 x 54 x 19	5,55

	Stock Code	Stock Name	Description	 ncluded Package
	201011060000000	OMNICON H202	Hydrogen Peroxide Measurement And Controlling Device	$\checkmark$
自	421000720101010	ELECTRODE H202/0 500 PPM SELECTIVE	ion Selective Hydrogen Peroxide Electrode With 1 Meter Cable, Mic Connector, O 500 Ppm	<b>/</b>
1 11 11 10	600112510030000	ELECTRODE HOUSING SET 1SL	Electrode Housing $$ For ion Slective Sensor With Dirt Trap Pre Filter-Ed .	<b>/</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
777 AP	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	×





### **SYSTEM OMNICON PH**

#### pH Measurement and Control System

- · All connection components mounted on 50x75 panel
- OmniCon pH
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg	
101110000140000 SYSTE	M OMNICON PH	Ph Measurament And Controlling System	78 x 54 x 19	4,70	

	Stock Code	Stock Name	Description	 cluded in Package
	201010000000000	OMNICON PH	Ph Measurement And Controlling Device	<b>/</b>
4	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
	600112510010000	ELECTRODE HOUSING SET 1	Electrode Housing With A Dirt Trap Pre Filter-Ed For 12 mm Sensor.	<b>/</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve.   (Clamp Connected)	×
25 A	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **SYSTEM OMNICON ORP**

#### **ORP Measurement and Control System**

- · All connection components mounted on 50x75 panel
- · OmniCon ORP
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- ORP electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101101000140000	SYSTEM OMNICON ORP	Orp Measurament And Controlling System	78 x 54 x 19	4,70

	Stock Code	Stock Name	Description	 ncluded Package
	201001000000000 OMNICON ORP		Orp Measurement And Controlling Device	<b>/</b>
	421000110100030 ELECTRODE ORP 1M SE	ENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
	600112510010000 ELECTRODE HOUSING	SET 1	Electrode Housing With A Dirt Trap Pre Filter-Ed For 12 mm Sensor.	<b>/</b>
(3)	600110400100010 MOUNTING SET FOR S	YSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000 ELECTRODE HOUSING	FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
1717 mg	600112572000000 ELECTRODE HOUSING	CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X





# **SYSTEM OMNICON CONDUCTIVITY**

#### Conductivity & Temperature Measurement and Control System

- · All connection components mounted on 50x75 panel
- OmniCon CON
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8) and sampling valve
- · Calibration liquids and calibration stand
- · Conductivity electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101100100140000 SYS	TEM OMNICON CON	Conductivity Measurament And Controlling System	78 x 54 x 19	4,70

	Stock Code	Stock Name	Description	 cluded in Package
	201000100000000	OMNICON CON	Conductivity Measurament And Controlling Device	<b>/</b>
	421000290102060	ELECTRODE CONDUCTIVITY GRAPHITE 2CELL CT25 EN06 MIC NTC10K K1 AS1	2-Cell Graphite Conductivity Electrode With1 Meter Cable, Mic Connector	<b>/</b>
000	600112510010000	ELECTRODE HOUSING SET 1	Electrode Housing With A Dirt Trap Pre Filter-Ed For 12 mm Sensor.	<b>✓</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	×
1949 - ST	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **SYSTEM AQUAMETER PH**

### pH Measurement and Control System

- · All connection components mounted on 60x45 panel
- Aquameter pH
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode (model E)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
104110000000140 SY	YSTEM AQUAMETER PH	pH Measurament And Controlling System	65 x 51 x 16	4,20

	Stock Code	Stock Name	Description	 ncluded Package
	201200000000000 AQUAMETER PH		Ph Measurement And Controlling Device	<b>/</b>
4	421000000100010 ELECTRODE PH 1MT E		Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
	600112510010000 ELECTRODE HOUSING	SET 1	Electrode Housing With A Dirt Trap Pre Filter-Ed For 12 mm Sensor.	<b>/</b>
	600110400100010 MOUNTING SET FOR S	SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000 ELECTRODE HOUSING	FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
1717 at	600112572000000 ELECTRODE HOUSING	CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The	X



# **SYSTEM AQUAMETER ORP**

#### ORP Measurement and Control System

- · All connection components mounted on 60x45 panel
- Aquameter ORP
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- ORP electrode (model E)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
104111000000140   SYSTEM AQUAMETER ORP		Orp Measurament And Controlling System	65 x 51 x 16	4,20

	Stock Code	Stock Name	Description	 cluded in Package
	201210000000000	AQUAMETER ORP	Orp Measurement And Controlling Device	<b>/</b>
•	421000100100010	ELECTRODE ORP 1M E	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
	600112510010000	ELECTRODE HOUSING SET 1	Electrode Housing With A Dirt Trap Pre Filter-Ed For 12 mm Sensor.	<b>/</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
1949 m	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **SYSTEM AQUAMETER CON**

#### Conductivity & Temperature Measurement and Control System

- · All connection components mounted on 60x45 panel
- Aquameter CON
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- Conductivity electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
104112000000140 SYS	STEM AQUAMETER CON	Conductivity Measurement And Controlling System	65 x 51 x 16	4,20

	Stock Code	Stock Name	Description	 ncluded Package
13	201220000000000	AQUAMETER CON	Conductivity Measurement And Controlling Device	<b>/</b>
1	421000290102060	ELECTRODE CONDUCTIVITY GRAPHITE 2CELL CT25 EN06 MIC NTC10K K1 AS1	2-Cell Graphite Conductivity Electrode With1 Meter Cable, Mic Connector	<b>/</b>
	600112510010000	ELECTRODE HOUSING SET 1	Electrode Housing With A Dirt Trap Pre Filter-Ed For 12 mm Sensor.	<b>/</b>
(3)	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
かない	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **SYSTEM AQUAMETER TOWER 01**

pH & Conductivity & Temperature Measurement and Control System

- · All connection components mounted on 60x45 panel
- · Aquameter pH and Aquameter CON
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8) and sampling valve
- · Calibration liquids and calibration stand
- pH electrode (model E) and conductivity electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
104124000000200   SYSTEM	AQUAMETER TOWER 01	Ph & Conductivity Tower Blow Down System	65 x 51 x 16	5,95

	Stock Code	Stock Name	Description	 luded in ackage
	201200000000000	AQUAMETER PH	Ph Measurement And Controlling Device	
	201220000000000	AQUAMETER CON	Conductivity Measurement And Controlling Device	<b>/</b>
•	421000000100010	ELECTRODE PH 1MT E	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
	421000290102060	ELECTRODE CONDUCTIVITY GRAPHITE 2CELL CT25 END6 MIC NTC10K K1 AS1	2-Cell Graphite Conductivity Electrode With1 Meter Cable, Mic Connector	<b>/</b>
001 11 100	600112520010000	ELECTRODE HOUSING SET 2	Electrode Housing With A Dirt Trap Pre Filter-Ed For 12 mm Sensor.	<b>/</b>
<b>(2)</b>	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	×
25 m	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **SYSTEM OMNICON TOWER**

#### pH & Conductivity & Temperature Measurement and Control System

- · All connection components mounted on 60x90 panel
- OmniCon pH CON
- · Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- Ultern body pH electrode and conductivity electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101210100200000	SYSTEM OMNICON TOWER	Ph & Conductivity Tower Blow Down System	96 x 66 x 16	7,05

	Stock Code	Stock Name	Description	-	ncluded Package
	201010100000000	OMNICON PH CON	Ph & Conductivity Measurement And Controlling Device		<b>/</b>
į,	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector		<b>/</b>
1	421000290102060	ELECTRODE CONDUCTIVITY GRAPHITE 2CELL CT25 EN06 MIC NTC10K K1 AS1	2-Cell Graphite Conductivity Electrode With1 Meter Cable, Mic Connector		<b>/</b>
001   H   100 10 H   100	600112520010000	ELECTRODE HOUSING SET 2	Electrode Housing With Dual input Dirt Trap Pre Filter-Ed For 12 mm Sensors. For All Models,		<b>/</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings		<b>/</b>
	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)		×
44 A	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.		×



# **SYSTEM OMNICON TOWER AS**

#### pH & Conductivity & Temperature Measurement and Control System

- · All connection components mounted on 60x90 panel
- OmniCon pH CON
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- Glass pH electrode and conductivity electrode



Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101210100200005   51	YSTEM OMNICON TOWER AS	pH & Conductivity & Temperature Tower Blow Down System	96 x 66 x 16	7,05

	Stock Code	Stock Name	Description	 cluded in Package
	201010100000000	OMNICON PH CON	Ph & Conductivity Measurement And Controlling Device	<b>/</b>
	421000050002020	PH A-S8 GLASS SENSOR	Glass Ph Electrode With S8 Connector	<b>/</b>
8	610204060000007	CABLE SET E COAXIAL SENSOR S8-BNC 1.5 MT	1.5 Meter Cable For Glass Ph Electrode With S8 Connector.	<b>/</b>
ā	421000290102060	ELECTRODE CONDUCTIVITY GRAPHITE 4CELL PT100K0,45 AS1	2-Cell Graphite Conductivity Electrode With1 Meter Cable, Mic Connector	<b>/</b>
00) H H 00	600112520050000	ELECTRODE HOUSING SET 2PG13,5-WITH FLOW SENSOR	Electrode Housing With Double input Dirt Trap Pre Filtered For Pg13.5-Link Sensors With Flow Sensor.	<b>/</b>
	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>





- · All connection components mounted on 60x90 panel
- OmniCon pH CON
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- S272 pH electrode and conductivity electrode

Anlech			

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101210100200001	SYSTEM OMNICON TOWER 5272G	Ph & Conductivity & Temperature Tower Blow Down System	96 x 66 x 16	7,25

	Stock Code	Stock Name	Description		Included n Package
	201010100000000	OMNICON PH CON	Ph & Conductivity Measurement And Controlling Device		<b>/</b>
	421000010600090	ELECTRODE PH 5272CD 20 BNC 6M SENSOR XS	Ph Electrode Double Referenced With 6 Meter Cable, Bnc Connector.		<b>/</b>
1	421000290102060	ELECTRODE CONDUCTIVITY GRAPHITE 2CELL CT25 EN06 MIC NTC10K K1 AS1	Conductivity Electrode With1 Meter Cable, Mic Connector		<b>/</b>
	600112510070000	ELECTRODE HOUSING SET 1PG13,5-S272-WITH FLOW SENSOR	Electrode Housing With Flow Sensor With 1 X Pg13,5 And 1 X S272 Sensor input And With Dirt Trap Pre Filter-Ed.		<b>/</b>
(3)	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings		<b>/</b>





# **SYSTEM OMNICON PH ORP CON FP**

pH & ORP & Conductivity & Temperature & Trace Element Measurement and Control System

- · Fittings are mounted inside the panel with the cover
- · OmniCon pH ORP CON FP
- · Dirt trap pre-filter
- Electrode flow cell
- Inlet-outlet records (6x8 mm) and sampling valve
- Calibration liquids and calibration stand
- Glass pH, glass ORP electrode and conductivity electrode
- Trace element sensor (0-300 ppb PTSA)

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
431001010302000 SYS	TEM OMNICON PH ORP CON FP	Ph & Orp & Conductivity & Temperature & Trace Element Measurement And Controlling System	86 x 66 x 32	19,05

	Stock Code	Stock Name	Description	 ncluded in Package
	432012000000300	OMNICON PH ORP CON FP	${\rm Ph}\&{\rm Orp}\&{\rm Conductivity}\&{\rm Temperature}\&{\rm Trace}$ Element Measuring And Controlling Device	$\checkmark$
1	704421000000053	ELECTRODE INLINE FLUOROMETER PTSA	inline Optical Trace Element Sensor	<b>/</b>
	421000050002020	PH A-S8 GLASS SENSOR	Glass Ph Electrode With S8 Connector	<b>/</b>
	421000150002010	ORP A-58 GLASS SENSOR	Glass Orp Electrode With S8 Connector	<b>/</b>
8	610204060000007	CABLE SET E COAXIAL SENSOR SB-BNC 1.5 MT	1.5 Meter Cable For Glass Ph Electrode With S8 Connector.	<b>/</b>
4	421000250101040	ELECTRODE CONDUCTIVITY GRAPHITE 4CELL PT100K0,45 AS1	4-Cell Graphite Conductivity Electrode With 1 Meter Cable, Mic Connector	<b>/</b>



# **SYSTEM OMNICON PH ORP CON**

pH & ORP & Conductivity & Temperature Measurement and Control System

- · All connection components mounted on 60x90 panel
- OmniCon pH ORP CON
- Dirt trap pre-filter
- Electrode flow cell
- · Inlet-outlet records (6x8 mm) and sampling valve
- · Calibration liquids and calibration stand
- pH, ORP and conductivity electrode

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
101211100300000	SYSTEM OMNICON PH ORP CON	Ph & Orp & Conductivity Measurement And	96 x 66 x 16	7,25

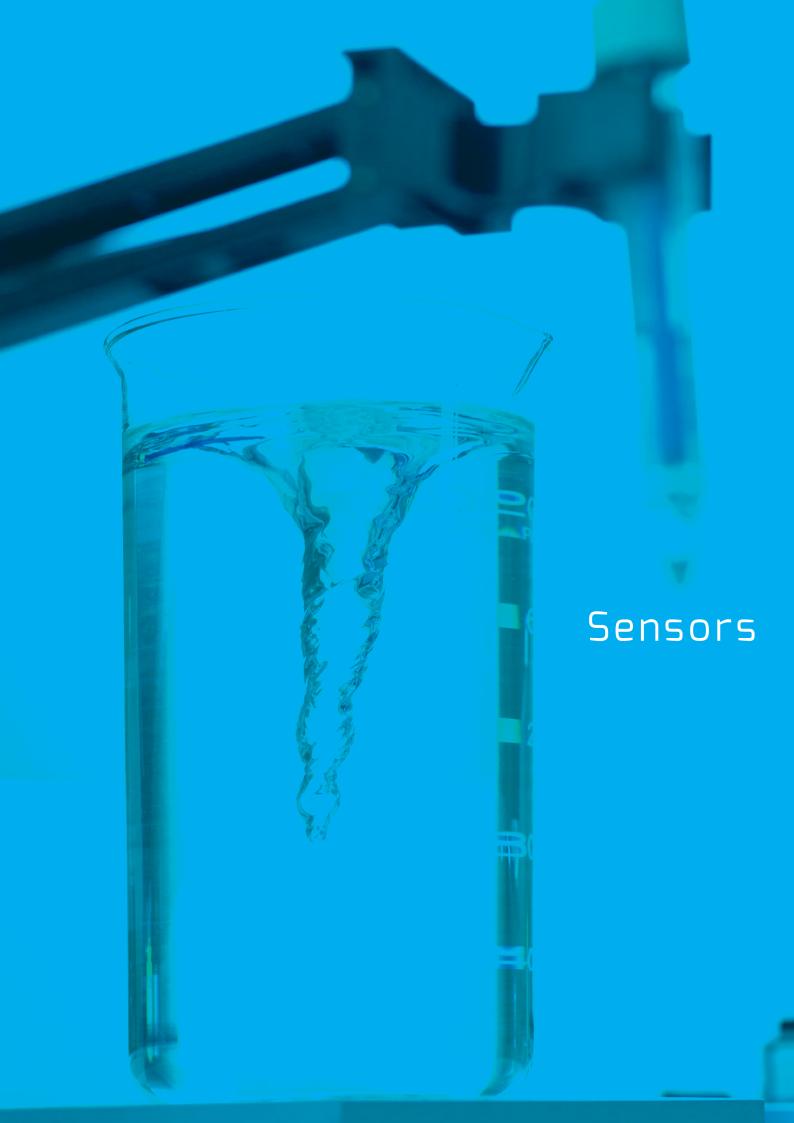
	Stock Code	Stock Name	Description	 cluded Package
	201011100000000	OMNICON PH ORP CON	Ph & Orp & Conductivity Measurement And Controlling Device	<b>/</b>
4	421000010150010	ELECTRODE PH 1M SENSOR XS	Combined Ph Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
4	421000110100030	ELECTRODE ORP 1M SENSOR XS	Combined Orp Electrode With 1 Meter Cable And Bnc Connector	<b>/</b>
1	421000290102060	ELECTRODE CONDUCTIVITY GRAPHITE 2CELL CT25 EN06 MIC NTC10K K1 A51	2-Cell Graphite Conductivity Electrode With1 Meter Cable, Mic Connector	<b>/</b>
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	600112530010000	ELECTRODE HOUSING SET 3	Electrode Housing With Triple input And Dirt Trap Pre Filter-Ed. For 12 mm Sensors.	<b>/</b>
(2)	600110400100010	MOUNTING SET FOR SYSTEM 2	Connection Sets for Electrode Housings	<b>/</b>
1	600112551000000	ELECTRODE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)	X
1717 A	600112572000000	ELECTRODE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.	X



# **6** Sensors

Sensors are the equipment that transmits signals from the process water, air or a liquid to the measuring device. They are manufactured from the materials suitable for the operating conditions of industrial processes such as Epoxy, Polycarbonate, Glass, SS316, Teflon, Ceramics, Polypropylene, PVC and PVDF.

The AnTech sensor family performs high-accuracy, wide-range measurements and instantly transmits measurements. It offers you a wide range of products for your choice of sensors for drinking water, wastewater, cooling towers, swimming pools, leather plants, textile plants, dye plants, milk plants, beverage plants, food plants and other industrial processes.







# **ELECTRODE PH SENSOR XS**

#### Ultem Body Single Reference pH Sensor

- Durable and low-maintenance Ultem® body structure
- High precision in full pH range (0-14)
- · Instant ready-to-use construction and storage bottle for long shelf life
- Easy connection with direct BNC connector
- · Non-refillable or maintenance-free structure thanks to its closed gel-filled design
- Accurate measurement in unknown and demanding samples thanks to sealed reference design
- 1 meter, 6 meters, 15 meters cable length option

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000010150010   ELECTRODE PH 1M SENSO	R XS	6 x 19,5 x 6	0,090
421000010600010   ELECTRODE PH 6M SENSO	DR XS	6 x 19,5 x 6	0,158
421000011500010   ELECTRODE PH 15M SENS	OR XS	6 x 19,5 x 6	0,290

### **Technical Specifications**

Measuring Range	0 - 14 pH (Na+ error pH > 12.3	
Body Specifications	Ultem® / 12 mm / 120 mm	
Max. Pressure	6 Bar	
Temperature Range	0-80 °C	
Min. Conductivity	100 uS	
Junction No	Single	
Junction Material	Pellon	
Reference Gel	3.5 M KCL/AgCL/KNO3	
Connector	BNC	
Cable Length	1 meter / 6 meters / 15 meters	





# **ELECTRODE PHE**

#### Single Reference pH Sensor with Polycarbonate Body

- · High strength with polycarbonate body structure
- High precision in full pH range (0-14)
- Instant ready-to-use construction and storage bottle for long shelf life
- Easy connection with direct BNC connector
- · Non-refillable or maintenance-free structure thanks to its closed gel-filled design
- · Accurate measurement in unknown and demanding samples thanks to sealed reference design
- 1 meter, 6 meters, 15 meters cable length option

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000000100010   ELECTRODE PH 1MT E		7 x 23 x 5	0,128
421000000600010 ELECTRODE PH 6MT E		7 x 23 x 5	0,196
421000001500010   ELECTRODE PH 15MT E		7 x 23 x 5	0,290

### **Technical Specifications**

Measuring Range	0 - 14 pH (Na+ error pH > 12.3	
Body Specifications	PC / 12 mm / 120 mm	
Max. Pressure	6 Bar	
Temperature Range	0-60 °C	
Min. Conductivity	100 uS	
Junction No:	Single	
Junction Material	1Pellon	
Reference Gel	3.5 M KCl/AgCl	
Connector	BNC	
Cable Length	1 meter / 6 meters / 15 meters	





# **ELECTRODE PH S272CD SENSOR XS**

#### PPS Body Double Reference Flat Surface pH Sensor

- · Longer sensor life with anti-contamination design thanks to dual reference technology
- Precise and repeatable measurements in unknown and challenging samples thanks to its wide measurement surface and reference structure
- · High fracture-resistant flat measuring surface
- High performance in dirty/wastewater structures thanks to its flat surface end
   structure
- Self-cleaning design with fluid flow thanks to its measurement surface structure
- · Versatile design for immersion, electrode housing and in-line assemblies (3/4" NPT)
- Highly chemical resistant PPS body
- · Static design with integrated cable assembly

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000010600090   ELECTRODE PH 5272CD 20 BNC 6M SENSOR XS		6 x 19,5 x 6	0,255
421000010600100   ELECTRODE PH S272CD HF 6M SENSOR XS		6 x 19,5 x 6	0,255

#### **Technical Specifications**

Measuring Range	0 - 14 pH (Na+ error pH > 12.3
Body Specifications	Ryton® Polyphenylene Sulphide (PPS) / 3/4" NPT
Max. Pressure	7.5 Bar
Temperature Range	0-100 °C
Min. Conductivity	100 uS
Junction No:	Double
Junction Material	HDPE
Reference Gel	3.5 M KCl/AgCl
Connector	BNC
Cable Length	6 metre
105  -	

106 | Sensors IPH Electrodes





#### Single Reference S8 pH Sensor with Glass Body

- High chemical strength and high performance in dirty/wastewater applications thanks to the glass body surface
- · Precise and repeatable measurements thanks to a wide measuring surface
- · Instant ready-to-use construction and storage bottle for long shelf life
- · Non-refillable or maintenance-free structure thanks to its closed gel-filled design
- High accuracy in unknown and demanding samples thanks to its sealed special ceramic ring reference structure
- Wireless purchase option and easy cable change with connection connector (S8-BNC)
- · Additional salt reserve for long service life

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000050002020 PH A-S8 GLASS SENS	50R "*"	7 x 23 x 5	0,205
There is no cable in the product. 1.5 mt and	6 mt cable options are available in the bottom line.		
760204060000007 CABLE SET E COAXIA	L SENSOR S8-BNC 1.5 MT	-	
760204060000006 CABLE SET E COAXIA	L SENSOR S8-BNC 6 MT	-	

Measuring Range	0 - 14 pH (Na+ error pH > 12.3
Body Specifications	Glass / 12 mm / 120 mm / PG13.5
Max. Pressure	6 Bar
Temperature Range	0-80 °C
Min. Conductivity	100 uS
Junction No:	Single
Junction Material	Annular Ceramic
Reference Gel	Ag/AgCl
Connector	S8/BNC
Cable Length	1.5 meter / 6 meters





### **ELECTRODE PH A1M-BNC GLASS SENSOR**

### Single Reference pH Sensor with Glass Body

- High chemical strength and high performance in clean water applications thanks to the glass body surface
- · Precise and repeatable measurements thanks to a wide measuring surface
- · Instant ready-to-use construction and storage bottle for long shelf life
- · Non-refillable or maintenance-free structure thanks to its closed gel-filled design
- Accurate measurement in unknown and demanding samples thanks to sealed reference design
- Easy to use thanks to a 1-meter cable and BNC connection
- · Additional salt reserve for long service life

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000050100010 PH A1M-BNC GLASS SENSOR		6 x 19,5 x 6	0,220

Measuring Range	0 - 14 pH (Na+ error pH > 12.3
Body Specifications	Glass / 12 mm / 100 mm
Max, Pressure	6 Bar
Temperature Range	0-80 °C
Min. Conductivity	100 uS
Junction No:	Single
Junction Material	Ceramic Pin
Reference Gel	Ag/AgCl
Connector	BNC
Cable Length	1 meter





### **ELECTRODE PH LC SENSOR XS**

### Ultem Body Single Reference Low Conductivity pH Sensor

- Durable and low-maintenance Ultem® body structure
- High accuracy and long life for samples of low conductivity
- High precision in full pH range (0-14)
- Instant ready-to-use construction and storage bottle for long shelf life
- Easy connection with direct BNC connector
- · Non-refillable or maintenance-free structure thanks to its closed gel-filled design
- Accurate measurement in unknown and demanding samples thanks to sealed reference design

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000010600020   ELECTRODE PH 6M LC SENSOR X9		0,158	0,158

Measuring Range	0 - 14 pH (Na+ error pH > 12.3
Body Specifications	Ultem / 12mm / 120mm
Max. Pressure	6 Bar
Temperature Range	0-80 °C
Min. Conductivity	0.5 uS
Junction No	Double
Junction Material	1Pellon
Reference Gel	3.5 M KCl/AgCl/KNO3
Connector	BNC
Cable Length	6 meter





### **ELECTRODE PH 2200 SPEAR TYPE SENSOR XS**

### Spear Type Ultem Body Single Reference pH Sensor

- · Bio-friendly Ultem® body for safe measurements in food and soil
- · Robust, spear-structured tip for measuring semi-solid specimens
- · Long life thanks to built-in protection against protein contamination
- High precision in full pH range (0-14)
- Instant ready-to-use construction and storage bottle for long shelf life
- Easy connection with direct BNC connector
- Non-refillable or maintenance-free structure thanks to its closed gel-filled design
- Accurate measurement in unknown and demanding samples thanks to sealed reference design

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000010100040 ELECTRODE	E PH 2200 SPEAR TIP 1M SENSOR XS	6 x 19,5 x 6	0,092

Measuring Range	0 - 14 pH (Na+ error pH > 12.3
Body Specifications	Ultem / 12mm / 120mm
Max. Pressure	6 Bar
Temperature Range	0-80 °C
Min. Conductivity	100 uS
Junction No:	Double
Junction Material	Kynar and Pellon
Reference Gel	3.5 M KCL/AgCL/KNO3
Connector	BNC
Cable Length	1 meter / 6 meters / 15 meters





### **ELECTRODE ORP SENSOR XS**

### Epoxy Body Single Reference ORP Sensor

- Durable and low-maintenance Epoxy body structure
- · Reliable and accurate ORP/Redox measurement
- Instant ready-to-use construction and storage bottle for long shelf life
- Easy connection with direct BNC connector
- · Non-refillable or maintenance-free structure thanks to its sealed gel-filled design
- · Accurate measurement in unknown and demanding samples thanks to sealed reference
- 1 meter, 6 meters, 15 meters cable length option

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000110100030   ELECTRODE ORP 1M SENS	SOR XS	6 x 19,5 x 6	0,090
421000110600010   ELECTRODE ORP 6M SEN	SOR XS	6 x 19,5 x 6	0,158
421000111500010   ELECTRODE ORP 15M SEN	NSOR XS	6 x 19,5 x 6	0,290

Measuring Range	-2000 mV / 2000 mV
Body Specifications	Epoxy / 12 mm / 120 mm
Max. Pressure	6 Bar
Temperature Range	0-80 °C
Min. Conductivity	100 uS
Junction No:	Single
Junction Material	Pellon
Reference Gel	3.5 M KCL/AgCL
Connector	BNC
Cable Length	1 meter / 6 meters / 15 meters





### **ELECTRODE ORP E**

### Single Reference ORP Sensor with Polycarbonate Body

- · High strength with polycarbonate body structure
- · Reliable and accurate ORP/Redox measurement
- · Instant ready-to-use construction and storage bottle for long shelf life
- Easy connection with direct BNC connector
- · Non-refillable or maintenance-free structure thanks to its sealed gel-filled design
- Accurate measurement in unknown and demanding samples thanks to sealed reference design
- 1 meter, 6 meters, 15 meters cable length option

Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
421000100100010   ELECTRODE ORP 1M E		7 x 23 x 5 0,128
421000100600010   ELECTRODE ORP 6M E		7 x 23 x 5 0,196
421000101500010   ELECTRODE ORP 15M E		7 x 23 x 5 0,290

Measuring Range	-2000 mV / 2000 mV
Body Specifications	PC / 12 mm / 120 mm
Max. Pressure	6 Bar
Temperature Range	0-60 °C
Min. Conductivity	100 uS
Junction No:	Single
Junction Material	Pellon
Reference Gel	3.5 M KCL/AgCL
Connector	BNC
Cable Length	1 meter / 6 meters / 15 meters





### **ELECTRODE ORP S272CD SENSOR XS**

#### PPS Body Double Reference Flat-Surface ORP Sensor

- · Longer with the design that prevents contamination thanks to double reference technology sensor life
- In unknown and challenging samples thanks to its wide measurement surface and reference structure precise and repeatable measurements
- · High fracture-resistant flat measuring surface
- · High performance in dirty/wastewater structures thanks to its flat surface end structure
- · Self-cleaning design with fluid flow thanks to its measurement surface structure
- Versatile design for immersion, electrode housing and in-line assemblies (3/4" NPT)
- Highly chemical resistant PPS body
- · Static design with integrated cable assembly

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000110601020	ELECTRODE S272CD ORP 20 BNC 6M SENSOR XS	6 x 19,5 x 6	0,255

Measuring Range	-2000 mV / 2000 mV
Body Specifications	Ryton® Polyphenylene Sulphide (PPS) / 3/4" NPT
Max. Pressure	7.5 Bar
Temperature Range	0-80°C
Min. Conductivity	100 uS
Connector	BNC
Junction No:	Double
Junction Material	HDPE
Reference Gel	3.5 M KCI/AgCl
Cable Length	6 meters





### **ELECTRODE ORP S8 GLASS AS**

### Single Reference ORP Sensor with Glass Body

- High chemical strength and high performance in dirty/wastewater applications thanks to the glass body surface
- · Precise and repeatable measurements thanks to a wide measuring surface
- Instant ready-to-use construction and storage bottle for long shelf life
- · Non-refillable or maintenance-free structure thanks to its closed gel-filled design
- High accuracy in unknown and demanding samples thanks to its sealed special ceramic ring reference structure
- Wireless purchase option and easy cable change with connection connector (58-BNC)
- · Additional salt reserve for long service life

Stock Code	Model		Package Sizes/cm W-L-H	Packed Weight/Kg
421000150002010   ELECTRODE ORP A-S8	GLASS "*"		6 x 19,5 x 6	0,205
There is no cable in the product. 1.5 mt and 6 mt cable options are available in the bottom line.				
760204060000007 CABLE SET E COAXIAL	SENSOR S8-BNC 1.5 MT			
760204060000006 CABLE SET E COAXIAL	SENSOR S8-BNC 6 MT			

Measuring Range -2000 mV / 2000	) mV
Body Specifications Glass / 12 mm / 12	20 mm / PG13.5
Max. Pressure 6 Bar	
Temperature Range 0-80 °C	
Min. Conductivity 100 uS	
Junction No: Single	
Junction Material Ceramic Ring	
Reference Gel Ag/AgCl	
Connector S8 / BNC	
Cable Length 1.5 meter / 6 meter	ers



### **ELECTRODE ORP A1M-BNC GLASS SENSOR**

#### Single Reference ORP Sensor with Glass Body

- · High chemical strength and high performance in clean water applications thanks to the glass body surface
- · Precise and repeatable measurements thanks to a wide measuring surface
- · Instant ready-to-use construction and storage bottle for long shelf life
- · Non-refillable or maintenance-free structure thanks to its closed gel-filled design
- · Accurate measurement in unknown and demanding samples thanks to sealed reference
- Easy to use thanks to a 1-meter cable and BNC connection
- · Additional salt reserve for long service life

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000150100010 ORP A1M-BNC GLASS SENSOR		6 x 19,5 x 6	0,220

Measuring Range	-2000 mV / 2000 mV
Body Specifications	Glass / 12 mm / 100 mm
Max. Pressure	6 Bar
Temperature Range	0-80 °C
Min. Conductivity	100 uS
Junction No:	Single
Junction Material	Ceramic Pin
Reference Gel	Ag/AgCl
Connector	BNC
Cable Length	1 meters





### **ELECTRODE CONDUCTIVITY G 2CELL NTC10K AS**

#### ABS Body Two-Cell Conductivity Sensor

- · High chemical resistance with ABS body
- · High measurement quality with 2-cell graphite sensor design
- Suitable cell constants for popular conductivity ranges (K:1.0, 0.1)
- Internal temperature sensor for automatic temperature compensation (NTC10K)
- Easy installation thanks to the specially designed Mic 6 connection
- · Suitable for immersion, electrode housing and in-line assemblies
- · 1 meter and 6-meter self-wiring models

Stock Code	Model	I	Package Sizes/cm W-L-H	Packed Weight/Kg
421000290102060   ELECTRODE CONDUCTIVIT	Y GRAPHITE 2CELL CT25 ENO6 MIC NTC10K K1 AS1		7 x 23 x 4,5	0,130
421000290102070 ELECTRODE CONDUCTIVIT	Y GRAPHITE 2CELL NTC10K K1 ASG		9,5 x 23 x 5,5	0,195

Measuring Range	0 μS/cm - 20.000 μS/cm
Body Specifications	ABS
Max. Pressure	6 Bar
Temperature Range	0-80 ℃
Min. Conductivity	5 μS for K=1/0.5 μS for K=0.1
Conductivity Sensor	Graphite
Cell Constant	K=0.1/cm - K=1/cm (+-10)
Temperature Sensor	NTC10K
Connector	MIC 6
Cable Length	1meter / 6 meters



### **ELECTRODE CONDUCTIVITY G 2CELL PT1000 AS**

### Two-Cell Conductivity Sensor with Epoxy Body

- · High chemical and physical strength with epoxy body
- · High measurement quality with 2-cell graphite sensor design
- Suitable cell constants for popular conductivity ranges (K:1.0, 0.1)
- Internal temperature sensor for automatic temperature compensation (PT1000)
- · Suitable for immersion, electrode housing and in-line assemblies
- 1 meter and 6-meter self-wiring models

Stock Code	Model	Package S W-L	
421000250101050   ELECTRODE CONI	DUCTIVITY GRAPHITE 2CELL PT1000K1 AS1	9,5 x 23	x 5,5 0,140
421000250601040   ELECTRODE CONI	DUCTIVITY GRAPHITE 2CELL PT1000K1 AS6	9,5 x 23	x 5,5 0,195
421000290101040   ELECTRODE CONI	DUCTIVITY GRAPHITE 2CELL PT1000K0,1 AS1	9,5 x 23	x 5,5 0,140
421000290101050 ELECTRODE CONI	DUCTIVITY GRAPHITE 2CELL PT1000K0,1 AS6	9,5 x 23	x 5,5 0,195

Measuring Range	0 μS/cm - 20,000 μS/cm
Body Specifications	Ероху
Max. Pressure	6 Bar
Temperature Range	0-80 ℃
Min. Conductivity	5 μS for K=1/0.5 μS for K=0.1
Conductivity Sensor	Graphite 2-cell
Cell Constant	K=0.1/cm - K=1/cm (+-10)
Temperature Sensor	PT1000
Connector	MIC 6
Cable Length	1 meter / 6 meters





### **ELECTRODE CONDUCTIVITY CS676HTTC SENSOR XS**

#### Two-Cell Conductivity Sensor with Stainless Body

- · Robust body design made of stainless steel and peek
- · High measurement quality with 2-cell stainless steel sensor design
- High pressure and high temperature resistance (17 Bar, 200 °C)
- · Suitable for heavy-duty applications such as boiler applications
- Suitable cell constants for popular conductivity ranges (K:1.0, 0.1)
- Internal temperature sensor for automatic temperature compensation (PT1000)
- Self-threaded body design for easy track mounting (3/4" NPT)
- 6 meter self-wired

Stock Code	Model	F	Package Sizes/cm W-L-H	Packed Weight/Kg
421000210501010 ELECTR	RODE CONDUCTIVITY CS676HTTC K:1 SENSOR XS		15 x 25 x 6	0,760
421000210501030   ELECTR	RODE CONDUCTIVITY CS676HTTC K:0.1 SENSOR XS		15 x 25 x 6	0,760

Measuring Range	0 μS/cm - 200 mS/cm
Body Specifications	SS316 and PEEK
Max. Pressure	17 Bar
Temperature Range	0-200 ℃
Min. Conductivity	10 μS for K=1/1 μS for K=0.1
Conductivity Sensor	SS316 2-cell
Cell Constant	K=0.1/cm - K=1/cm (+-10)
Temperature Sensor	PT100
Connector	MIC 6
Cable Length	1 meter / 6 meters





#### Free Chlorine Sensor with Membrane Covered

- Ability to work in a wide pH range thanks to reduced pH dependence (4-9 pH)
- High resistance to surfactants
- New membrane design up to 3 bar
- Ability to work at low conductivity values (Min. 10 uS)
- · Models suitable for different chlorine measuring ranges
- · Suitable for swimming pool, drinking water, service water, process water, vegetable and fruit washing, poultry, salt water and sea water\* processes
  - \* Ability to measure in sea water (with optional membrane)



Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000320101010   ELECTRODE FCL/0 2 PPM SELE	TTIVE	19 x 29 x 7,5	0,520
421000320101020   ELECTRODE FCL/0 5 PPM SELE	TTIVE	19 x 29 x 7,5	0,520
421000320101030   ELECTRODE FCL/0 200 PPM SE	LECTIVE	19 x 29 x 7,5	0,520

Measuring Range	0 - 200 ppm
Body Specifications	PVC
Max. Pressure	3 Bar
Temperature Range	0-45 °C
Conductivity Range	10 μS/cm - 50 mS/cm (sea water)
Ph Range	4-9 pH
Sample Flow Rate	15-30 Lt/H
Initial Startup	2 hours (Approx.)
Connector	MIC 4
Cable Length	1.2 meter





### **ELECTRODE TCL SELECTIVE**

#### **Total Chlorine Sensor with Membrane Covered**

- Ability to work in a wide pH range thanks to reduced pH dependence (4-9 pH)
- · High resistance to surfactants
- New membrane design up to 3 bar
- · Ability to work at low conductivity values (Min. 10 uS)
- Suitable for swimming pool, drinking, service, process waters, saltwater, and sea water\* processes \* Measuring in sea water (with optional membrane)

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000420101010   ELECTRODE TCL/0 5 SELECTIVE		19 x 29 x 7,5	0,520

Measuring Range	0 - 5 ppm
Body Specifications	PVC
Max. Pressure	3 Bar
Temperature Range	0-45 ℃
Conductivity Range	10 μS/cm - 200 mS/cm (Salty Water)
Ph Range	4-9 pH
Sample Flow Rate	15-30 Lt/H
Initial Startup	2 hours (Approx.)
Connector	MIC 4
Cable Length	1.2 meter



### **ELECTRODE CLO2 SELECTIVE**

#### Chlorine Dioxide Sensor with Membrane Covered

- Ability to work in a wide pH range thanks to reduced pH dependence (1-12 pH)
- · New membrane design up to 1 bar
- · Models with suitable ranges for different chlorine dioxide measurement ranges
- · Suitable for swimming pool, drinking water, service water and process water



Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000520101020   ELECTRODE CL02/0 2 PPM SE	LECTIVE	19 x 29 x 7,5	0,520
421000520101010   ELECTRODE CLO2/0 10 PPM SE	ELECTIVE	19 x 29 x 7.5	0.520

Measuring Range	0 - 10 ppm
Body Specifications	PVC
Max. Pressure	1 Bar
Temperature Range	0-45 °C
Min. conductivity	10 μS/cm
Ph Range	1-12 pH
Sample Flow Rate	15-30 Lt/H
Initial Startup	1 hours (Approx.)
Connector	MIC 4
Cable Length	1.2 meter
	101161 6





### **ELECTRODE OZONE SELECTIVE**

#### Ozone Sensor with Membrane Covered

- · Ability to work in a wide pH range thanks to reduced pH dependence (4-9 pH)
- · High resistance to surfactants
- New membrane design up to 1 bar
- · Suitable for swimming pool, water treatment and all process waters

Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
421000620101010   ELECTRODE OZONE /0 2 PPM	SELECTIVE .	19 x 29 x 7,5 0,520
421000620101020   ELECTRODE OZONE/0 5 PPM 9	SELECTIVE	19 x 29 x 7,5 0,520
421000620101030   ELECTRODE OZONE /0 20 PPM	I SELECTIVE	19 x 29 x 7.5 0.520

Measuring Range	0 - 20 ppm
Body Specifications	PVC
Max. Pressure	1 Bar
Temperature Range	0-45 ℃
Min. conductivity	10 μS/cm
Ph Range	4-9 pH
Sample Flow Rate	15-30 Lt/H
Initial Startup	1 hours (Approx.)
Connector	MIC 4
Cable Length	1.2 meter



### **ELECTRODE H2O2 SELECTIVE**

#### Hydrogen Peroxide Sensor with Membrane Covered

- · Ability to work in a wide pH range thanks to reduced pH dependence (2-11 pH)
- High resistance to surfactants
- New membrane design up to 1 bar
- · Models suitable for different chlorine measuring ranges
- · All water treatment processes, sea water, bottle and carboy washing, CIP facilities



Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
421000720101020   ELECTRODE H202 / 0 200 PPM SELE	CTIVE	19 x 29 x 7,5 0,520
421000720101010   ELECTRODE H202/0 500 PPM SELEC	TIVE	19 x 29 x 7,5 0,520

Measuring Range	0 - 500 ppm
Body Specifications	PVC
Max. Pressure	1 Bar
Temperature Range	0-45 ℃
Min. conductivity	10 μS/cm
Ph Range	2-11 pH
Sample Flow Rate	15-30 Lt/H
Initial Startup	5 hours (Approx.)
Connector	MIC 4
Cable Length	1.2 meter





### AMPEROMETRIC FREE CHLORINE CELL

### Amperometric Copper Platinum Free Chlorine Sensor

- · Acrylic body with flow indicator, resistant to corrosive chemicals
- · Copper-Platin sensor structure
- · Self-cleaning physical mechanism on the measurement surface
- Flow control sensor
- 2 x 12 mm sensor inputs (Optional)

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
600510010111000   AMPEROMETRIC FREE CHLORINE CELL		21 x 24 x 10	1,75

Measuring Range	0 - 10 ppm
Body Specifications	Acrylic
Max. Pressure	3 Bar
Temperature Range	0-50 °C
Min. conductivity	10 μS/cm
Sensor	Copper-Platin
Ph Range	6-8 pH
Sample Flow Rate	50 Lt/H
Connector	BNC
Cable Length	1 meter



### **ELECTRODE POTENTIOSTATIC S8**

### Single Reference Potentiostatic FCl & ClO2 Sensor with Glass Body

- · High chemical strength and high performance thanks to the glass body surface
- · Precise and repeatable measurements thanks to its wide gold measurement surface
- · Minimal maintenance thanks to its design that does not require membrane and gel
- · Instant ready-to-use construction and storage bottle for long shelf life
- Direct suitability for chlorine and chlorine dioxide measurements (0-10 ppm)
- Wireless purchase option and easy cable change with connection connector (S8-BNC)



Stock Code	Model		Package Sizes/cm W-L-H	Packed Weight/Kg
421002320003010 ELECTRODE POTANSIO	OSTATIC S8		5,5 x 4,5 x 20	0,09
"*" The product does not have a cable. 1.5 mt and 6 mt cable options are available in the bottom line.				
760204060000007 CABLE SET E COAXIAL	SENSOR S8-BNC 1.5 MT			
760204060000006 CABLE SET E COAXIAL	SENSOR S8-BNC 6 MT			

0 - 10 ppm
glass
6 Bar
0-80 °C
10 μS/cm - 50 mS/cm (salty water)
Gold
4 - 9 pH
80 - 90 Lt/H
58
1.2 meter





### **INLINE FLUOROMETER SENSOR**

### Inline Optical Trace Element Sensor

- · PTSA or Fluorescein optical measurements with a single sensor
- · Improved turbidity and dissolved iron rejection
- · Solid state Fluorometer uses led/photodiot technology, does not contain moving parts
- Dynamic range: PTSA (<1 300 ppb), Fluorescein (<1 100 ppb)
- Precision: <1 ppb
- Suitable for cooling towers, boilers, leak detection, reverse osmosis, environmental monitoring processes

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
704421000000053 STN ELECTRODE INLINE FLUORON	IETER PTSA	19 x 29 x 7,5	0,520

Measuring Range	<1 - 300 ppb for PTSA
Measuring Range	<1 - 100 ppb for Fluorescein
Precision	<1 ppb
Body Specifications	PVC
Max. Pressure	6 Bar
Temperature Range	0-50 ℃
Response Time	5 seconds
Sensor	Optical
Installation Connection	1" NPT
Cable Length	1.2 meter





### **ELECTRODE DO OPTICAL PVC B**

### Immersion Type Optical Dissolved Oxygen Sensor

- · High chemical resistance PVC body
- · Thanks to optical reading technology, it does not need liquid filling and membrane
- Internal air inlet for automatic cleaning (max 3 bar)
- · Automatic compensation with internal PT 1000 temperature sensor
- · Suitable for immersion type assemblies
- Compressive strength up to 1 bar (at 25 °C)
- 10 meter fixed sealed cable

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000860101010   ELECTRODE DO OPTICAL PVC B		17 x 26 x 10	0,980

Measuring Range	0 - 20.00 ppm	
	1	
Body Specifications	PVC-C	
Max. Pressure	1 Bar	
	1	
Max. Cleaning Pressure	3 Bar	
Temperature Range	0-50 ℃	
iemperature Nange	, 0 30 C	
DO Sensor	Optical	
Temperature Sensor	PT1000	
	1	
Mounting Type	Immersion Type	
Connector	MIC 4	
23.1122101	,	
Cable Length	10 meter	





### **ELEKTRODE DO OPTICAL INLINE PVC B**

### Inline Type Optical Dissolved Oxygen Sensor

- · High chemical resistance PVC body
- Thanks to optical reading technology, it does not need liquid filling and membrane
- · Automatic compensation with internal PT 1000 temperature sensor
- · Suitable for on-line and housing-type installations
- Compressive strength up to 6 bar (at 25 °C)
- 10 meter fixed sealed cable

St	ock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
42100	00860101020   ELECTRODE DO OPTICAL INLINE PVC B		17 x 26 x 10	0,980

Measuring Range	0 - 20.00 ppm
Body Specifications	PVC-C
Max. Pressure	6 Bar
Temperature Range	0-50 ℃
DO Sensor	Optical
Temperature Sensor	PT1000
IP Class	IP 68
Mounting Type	On-line or Housing
Connector	MIC 4
Cable Length	10 meter





### **ELECTRODE TU PVC B**

### Immersion Type Turbidity Sensor

- · High chemical resistance PVC body
- · Precise measurement thanks to optical reading technology
- Nephelometric measurement method in accordance with ISO 7027-EN 27027 standards (for NTU unit)
- Suitable for on-line and housing-type installations
- Compressive strength up to 1 bar (at 25 °C)
- 10 meter fixed sealed cable

Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
421001460101030   ELECTRODE TU 4/40/400 NTU PVC B		17 x 26 x 10 0,980
421001460101040   ELECTRODE TU 100/1000/10000 FTU	PVC B	17 x 26 x 10 0,980

Measurement Range (NTU)	0/4,000 - 0/40,00 - 0/400,0 NTU
Measurement Range (FTU)	0/100,0 - 0/1000 - 0/10000 FTU
Body Specifications	PVC-C
Max. Pressure	1 Bar
Max. Cleaning Pressure	3 Bar
Temperature Range	0-50 °C
TU Sensor	Optical
Mounting Type	Immersion Type
Connector	MIC 4
Cable Length	10 meter





### **ELECTRODE TU INLINE PVC B**

### Inline Type Turbidity Sensor

- · High chemical resistance PVC body
- · Precise measurement thanks to optical reading technology
- Nephelometric measurement method in accordance with ISO 7027-EN 27027 standards (for NTU unit)
- Suitable for on-line and housing-type installations
- Compressive strength up to 6 bar (at 25 °C)
- 10 meter fixed sealed cable

Stock Code	Model	Package Sizes/ W-L-H	cm Packed Weight/Kg
421001460101010   ELECTRODE TU 4/40/400 NTU I	NLINE PVC B	17 x 26 x 10	0,980
421001460101020   ELECTRODE TU 100/1000/10000	) FTU INLINE PVC B	17 x 26 x 10	0,980

Measurement Range (NTU)         0/4,000 - 0/40.00 - 0/400.0 NTU           Measurement Range (FTU)         0/100,0 - 0/1000 - 0/10000 FTU           Body Specifications         PVC-C           Max. Pressure         6 Bar           Temperature Range         0-50 °C           TU Sensor         Optical           IP Class         IP 68           Mounting Type         On-line or Housing           Connector         MIC 4		
Body Specifications PVC-C  Max. Pressure 6 Bar  Temperature Range 0-50 °C  TU Sensor Optical  IP Class IP 68  Mounting Type On-line or Housing  Connector MIC 4	Measurement Range (NTU)	0/4,000 - 0/40.00 - 0/400.0 NTU
Max. Pressure 6 Bar  Temperature Range 0-50 °C  TU Sensor Optical  IP Class IP 68  Mounting Type On-line or Housing  Connector MIC 4	Measurement Range (FTU)	0/100,0 - 0/1000 - 0/10000 FTU
Temperature Range	Body Specifications	PVC-C
TU Sensor Optical  IP Class IP 68  Mounting Type On-line or Housing  Connector MIC 4	Max. Pressure	6 Bar
IP Class IP 68  Mounting Type On-line or Housing  Connector MIC 4	Temperature Range	0-50 °C
Mounting Type On-line or Housing  Connector MIC 4	TU Sensor	Optical
Connector MIC 4	IP Class	IP 68
	Mounting Type	On-line or Housing
	Connector	MIC 4
Cable Length 10 meter	Cable Length	10 meter





### **ELECTRODE TEMPERATURE NTC AS**

### NTC Temperature Sensor with Chrome Body

- SS316 sensor body
- Easy mounting with PG13.5 connection
- NTC 10K temperature sensor
- · Suitable for on-line and housing-type installations
- Compressive strength up to 6 bar (at 25 °C)
- 1- and 6-meter sealed cable options

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421001150101010 ELECTRODE TEMPERATURE NTC AS1		9,5 x 23 x 5,5	0,138
421001150601020 ELECTRODE TEMPERATURE NTC AS6		9,5 x 23 x 5,5	0,250

Measuring Range	0-80°C
Measuring Body	SS 316
Body Diameter	4mm
Sensor Length	108mm
Max. Pressure	6 Bar
Temperature Sensor	NTC10K
Line Connection	PG13,5
Mounting Type	On-line and Housing
Connector	MIC 6
Cable Length	1 meter / 6 meters



### **ELECTRODE HEAT PT100**

PT100 Temperature Sensor with Chrome Body

- SS316 sensor body
- Easy installation with 1/2 connection record
- PT100 temperature sensor
   Suitable for on-line and housing-type installations
   Compressive strength up to 6 bar (at 25 °C)
   1- and 5-meter sealed cable options



Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421001100101010   ELECTRODE TEMPERATURE PT100 C1		9,5 x 23 x 5,5	0,200
421001100501010 ELECTRODE TEMPERATURE PT100 C5		9,5 x 23 x 5,5	0,325

Measuring Range	0 - 200 °C
Measuring Body	SS 316
Body Diameter	6mm
Sensor Length	135mm
Max. Pressure	6 Bar
Temperature Sensor	PT100
Line Connection	1/2
Mounting Type	On-line and Housing
Connector	MIC 6
Cable Length	1 meter / 5 meters





### **TEMPERATURE SENSOR NTC**

### NTC Temperature Sensor with Polypropylene Body

- Polypropylene sensor body
- Easy installation with 1/2 connection record
- NTC 10K temperature sensor
- · Suitable for on-line, housing and immersion type assemblies
- Compressive strength up to 6 bar (at 25 OC)
- · 1- and 5-meter sealed cable options

Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
400102000100000   SENSOR TEMPARATURE NTC P1		9,5 x 23 x 5,5 0,138
400102000500000 SENSOR TEMPARATURE NTC P5		9,5 x 23 x 5,5 0,250

Measuring Range	o - 80 °C
Measuring Body	PP
Body Diameter	12mm
Sensor Length	80mm
Max. Pressure	6 Bar
Temperature Sensor	NTC10K
Line Connection	1/2
Mounting Type	On-line, Reservoir and Immersion
Connector	MIC 6
Cable Length	1 meter / 6 meters





### standard Buffer Solution for pH



- Liquid transfer area for measurement thanks to specially designed bottles
- 500 ml and 20 ml options



Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
429900000040020   CALIBRATION LIQUID PH 4 20ML		3,5 x 3 x 6	0,032
429900000040480 CALIBRATION LIQUID PH 4 500ML		6 x 3 x 21,5	0,532
429900000070020 CALIBRATION LIQUID PH 7 20ML		3,5 x 3 x 6	0,032
429900000070480 CALIBRATION LIQUID PH 7 500ML		6 x 3 x 21,5	0,532
429900000100020 CALIBRATION LIQUID PH10 20ML		3,5 x 3 x 6	0,032
429900000100480 CALIBRATION LIQUID PH10 500MI		7 5 x 3 x 15 5	N 571





### Standard Buffer Solution for ORP

- Easy to distinguish thanks to colored liquids
- Liquid transfer area for measurement thanks to specially designed bottles
- 500 ml and 20 ml options



Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
429901002250020   CALIBRATION L	IQUID ORP 225 20ML	3,5 x 3 x 6	0,030
429901002250480 CALIBRATION L	IQUID ORP 225 250ML	6 x 3 x 21,5	0,488
429901004750020   CALIBRATION L	IQUID ORP 475 20ML	3,5 x 3 x 6	0,034
429901004750480 CALIBRATION I	IOLUD ORP 475 500MI	6 x 3 x 21 5	N 528





## **CALIBRATION LIQUID CON**

### Standard Buffer Solution for Conductivity

- Wide range of values allowing calibration in different ranges
- Liquid transfer area for measurement thanks to specially designed bottles
- 500 ml and 20 ml options

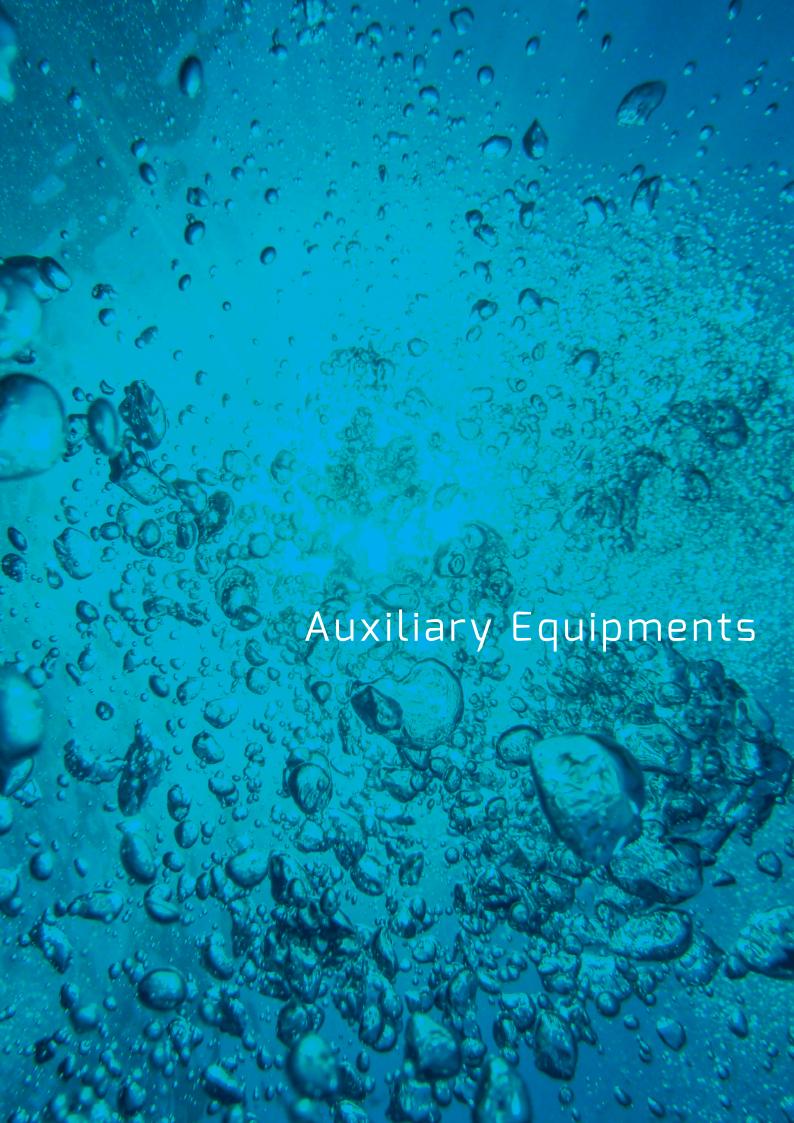
Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
429902001000020   CONDUCTIVITY SOLUTIO	N 100US 20ML	3,5 x 3 x 6	0,031
429902001000480 CONDUCTIVITY SOLUTIO	N 100US 500ML	6 x 3 x 21,5	0,534
429902014130020   CONDUCTIVITY SOLUTIO	IN 1413U5 20ML	3,5 x 3 x 6	0,031
429902014130480   CONDUCTIVITY SOLUTIO	N 1413US 500ML	6 x 3 x 21,5	0,534
429902027640020 CONDUCTIVITY SOLUTIO	IN 2764US 20ML	3,5 x 3 x 6	0,031
429902027640480 CONDUCTIVITY SOLUTIO	N 2764US 500ML	6 x 3 x 21,5	0,534
429902128800020   CONDUCTIVITY SOLUTIO	N 12880US 20ML	3,5 x 3 x 6	0,031
429902128800480 CONDUCTIVITY SOLUTIO	N 12880US 500 ML	6 x 3 x 21,5	0,534





## 7 Auxiliary Equipments

AnTech has offered you interfaces and information panels from its field experiences, in product packs. They are the solutions developed for non-standard applications in product groups such as dosing pumps, controlling devices, systems and sensors.





### **INFORMATION PANELS**

#### **Communication Led Information Panels**

- · It is used in every environment such as hotels, business centers, pool facilities, factories, production lines, etc. for information.
- · Dot-Matrix led screen, WI-FI communication
- · Connection to OmniCon control device as a direct screen
- · Connection can be made to the interface with INFO PANEL P10 COMMUNICATION MODULE over wi-fi and parameters and special messages can be added manually



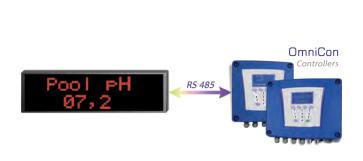
Stock Code	Model	Description	Packed /eight/Kg
410010031000000   INFO PAN	EL P10 64X32 OMNICON	64X32 64x32 Pixel Screen (53,5x30 cm - 9 cm)	7,15
410010033000000   INFO PAN	EL P10 128X64 OMNICON	128x64 Pixel Screen (107x60 cm - 9 cm	14,30
410010032000000 INFO PAN	EL P10 COMMUNICATION MODULE	INFO PANEL Wi-fi Communication module	xx

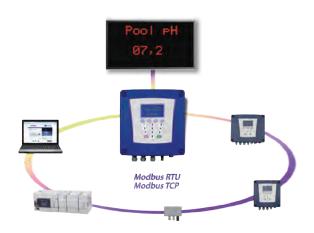


### INFO PANEL P10 COMMUNICATION MODULE

#### Info Panel Control and Communication Module

- Info panels communicate by telephone with Wi-fi protocols and display the information entered with the interface opened on the Panel.
- · Optionally, it manually displays all parameters such as date, hour, temperature (indoor, outdoor, pool water, sea water, etc.) humidity, pH, ORP, Chloride, conductivity, Pressure, Counter, electrical values and simultaneous values.
- · Special messages or parameters can be programmed in order to be displayed depending on the events. If necessary, special messages can be added and the messages are displayed together with the parameters.





### SI MB HT & SI MB

#### Temperature and Humidity Interface

- · It is used as an interface for temperature, humidity sensor connection to controllers and Information Panels.
- Prevents data loss due to distance.



Stock Code	Model	Description	Package Siz W-L-	
410060020000000 SI-MB HT		Temperature - Humidity interface	12 x 21 >	x 13 0,245
410060010000000   SI-MB		Sensor interface	12 x 21 >	x 13 0,245

### **3L1P**

### 3 Liquid Level Inlets, 1 Pump Outlet

· Allows three level sensors to be used in a single fluid level-controlled dosing pump. ( 3L1P)



Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
410070020000000 3L1P		3 Level Sensor inputs + 1 Dosing Pump Output	11,5 x 15 x 10,5	0,260

# **7** Auxiliary Equipments Interconnect Components

### 154P

### 1 Counter Input, 4 Pump Outputs

· Allows multiple volumetric controlled dosing pumps to be operated with a single meter. (154P)



Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
410070010000000 154P		1 Counter input + 4 Dosing Pumps Output	11,5 x 15 x 10,5	0,260

### **FEED DISPENSER**

### **Feeding Dispenser**

• Used to connect three pumps to a single outlet. (Supply Dispenser)



Stock Code	Model		Description	Package Sizes/cm W-L-H	Packed Weight/Kg
410070040000000 PUMP OUTPUT DISTRIBUTOR		Feeding Dispenser		21 x 24 x 18	0,685

## **JACO**

#### Jacuzzi Controller

• Timed control unit for hot tub. (JACO)



Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
410090010000000 JACO 1VO		Jacuzzi Controller	12 x 21 x 13	0,340

## **SENSOR PRE-AMP**

#### Sensor Pre-Amplifier

• The sensor is used to extend the cable distance. (Sensor Pre-Amp) 5V DC is used with external supply.



Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
410070030000000 SENSOR PR	RE AMP	Sensor Pre-Amplifier	12 x 21 x 13	0,255

# **1** Auxiliary Equipments Interconnect Components



## **INTERMEDIATE CABLES**

#### Intermediate Cable Sets

- 10-meter intermediate cable from NC3-FX connector to NC3-MX connector (OmniConVisio information panel connection intermediate cable)
- Four different lengths of intermediate cable, 1, 10, 20 and 30 meters from BNC connector to BNC connector

Stock Code	Model	Cable Length
610104060000001 CABLE SET COAXIAL SENSOR BNCE BNCE 1M	ī	1 Meter
610104060000002 CABLE SET COAXIAL SENSOR BNCE BNCE 5M	Т	5 Meter
610104060000003 CABLE SET COAXIAL SENSOR BNCE BNCE 10M	<b>П</b> Т	10 Meter
610104060000004 CABLE SET COAXIAL SENSOR BNCE BNCE 201	МТ	20 Meter
610104060000005 CABLE SET COAXIAL SENSOR BNCE BNCE 300	МТ	30 Meter
610103070000012 CABLE SET SIGNAL CON NC3 FX MX		10 Meter



#### Filtered Electrode Housing with 12mm Sensor Inlet (1 Piece)



- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · Structure that offers high measurement quality thanks to its sample water guided design
- · Compressive strength up to 6 bar
- · Easy to clean stainless steel dirt trap filter



Stock Code	Model	Description
600112511010120 ELECT	RODE HOUSING 1 FILTER A	Electrode Housing Filtered With 12mm Sensor input.
600110400500010 MOUN	TING SET OF ELECTRODE HOUSING 2	Connection Parts For Electrode Housing 2



## **ELECTRODE HOUSING 2**

#### Electrode Housing with 12mm Sensor Inlet (2 Pieces)

- · Chemical and physical strength with transparent ABS body
- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · Structure that offers high measurement quality thanks to its sample water guided design
- · Compressive strength up to 6 bar

Stock Code	Model	Description	
600112521000120 ELECT	RODE HOUSING 2	Electrode Housing With 12 mm Sensor input (2 Pieces)	
600110400500010 MOUN	TING SET OF ELECTRODE HOUSING 2	Connection Parts For Electrode Housing	



## **ELECTRODE HOUSING 1 FILTERED - PG13,5**

#### Electrode Housing with Filter, PG13.5 Threaded Sensor Inlet (1 Piece)

- · Chemical and physical strength with transparent ABS body
- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · Structure that offers high measurement quality thanks to its sample water guided design
- · Compressive strength up to 6 bar
- · Easy to clean stainless steel dirt trap filter

Stock Code	Model	Description
600112511010130 ELECTRODE HOUSI	NG 1 FILTER-PG13,5 A	Pg13,5 Electrode Housing Filtered With Single Electrode input.
600110400500010 MOUNTING SET FO	R ELECTRODE HOUSING 2	Connection Parts For Electrode Housing 2



## **ELECTRODE HOUSING 2 - PG13,5**

PG13.5 Electrode Housing with Gear Sensor Inlet (2 Piece)

- · Chemical and physical strength with transparent ABS body
- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · Structure that offers high measurement quality thanks to its sample water guided design
- · Compressive strength up to 6 bar

Stock Code	Model	Description	
600112521000130 ELECTROD	E HOUSING 2-PG13,5	Pg13,5 Electrode Housing With Double Electrode input.	
600110400500010 MOUNTING	SET FOR ELECTRODE HOUSING 2	Connection Parts For Electrode Housing	



## **ELECTRODE HOUSING 2 5272**

5272 Electrode Housing with Sensor Inlet (1 Piece)

- · Chemical and physical strength with transparent ABS body
- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · Structure that offers high measurement quality thanks to its sample water guided design
- · Compressive strength up to 6 bar

Stock Code	Model	Description
600112520015000 ELECTRODE HOUSING 2	2-5272	S272 Electrode Housing With Single Electrode input
600110400500010 MOUNTING SET FOR EL	ECTRODE HOUSING 2	Connection Parts For Electrode Housing 2



## **ELECTRODE HOUSING 2-25MM**

Electrode Housing with Ion Selective Sensor Inlet (1 Piece)

- Chemical and physical strength with transparent ABS body
- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · Rack that offers high measurement quality thanks to its sample water guided design
- · Compressive strength up to 6 bar

Stock Code	Model	Description
600112521000250 ELECTROD	E HOUSING 2-25MM	ion Selective Electrode Housing With Single Electrode input.
600110400500010 MOUNTING	SET FOR ELECTRODE HOUSING 2	Connection Parts For Electrode Housing



## **ELECTRODE HOUSING 1**

#### Electrode Housing with 12mm Sensor Inlet (1 Pieces)

- · Chemical and physical strength with transparent ABS body
- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · Structure that offers high measurement quality thanks to its sample water guided design
- · Compressive strength up to 6 bar

Stock Code	Model	Description
600112511000120 ELECTRODE F	HOUSING 1	Electrode Housing With 12 mm Sensor input.
600110400500010 MOUNTING SI	ET FOR ELECTRODE HOUSING 2	Connection Parts For Electrode Housing 2



## **ELECTRODE HOUSING 1 - PG13,5**

PG13.5 Electrode Housing with Gear Sensor Inlet (1 Piece)

- · Chemical and physical strength with transparent ABS body
- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · Structure that offers high measurement quality thanks to its sample water guided design
- · Compressive strength up to 6 bar

Stock Code	Model	Description
600112511000130 ELECTRODE	HOUISNG 1-PG13,5	Electrode Hosuing With 12 mm Single Electrode input.
600110400500010 MOUNTING	SET FOR ELECTRODE HOUSING 2	Connection Parts For Electrode Housing

## **ELECTRODE HOUSING FLOW MODULE**

#### Sample Water Flow Control Module with Signal Output, Valve

- · Chemical and physical strength with transparent ABS body
- · Quick installation thanks to easy mounting and connecting clips
- · Additional mounting apparatus with intelligent design with add-on modules and structure that does not require record connections
- · With adjustable valve, signal output for sufficient flow of sample water
- · Compressive strength up to 6 bar



Stock Code	Model	Description
600112551000000 ELECTRO	DE HOUSING FLOW MODULE	Sample Water Flow Control Module With Signal Output, Valve. (Clamp Connected)
600112572000000 ELECTRO	DE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.
600112551010000 ELECTRO	DDE HOUSING SET WITH FLOW MODULE BNC	Electrode Housing Flow Control Module. With Signal Output, Valve, Sample Water. (Bnc Connected)

## **ELECTRODE HOUISNG CLIPS AND VALVE SETS**

## Auxiliary Sets for Sump Installation and Assembly

- · Quick installation thanks to easy mounting and connecting clips
- · Pressure-resistant water inlet outlet and sampling valves up to 6 bar





Clip Set

Valve Set

Stock Code	Model	Description
600112591000000 ELECTRO	DE HOUSING VALVE SET	Sample Water Input - Outlet Valve (2 Pieces) And Sampling Valve (1 Piece)
600112572000000 ELECTRO	DE HOUSING CLIP SET	4 Clips And 1 Each Of Open And Close Couplings To Join The Housing.

## 7 Auxiliary Equipments Sensor Holders



## ANTI-SIPHON VALVE - MULTIFUNCTION VALVE

Using the system as Anti-Siphon and Pressure Relief (Relief Valve) function, Externally adjustable durable adjustment screw Durable, high chemical resistant PVDF body PTFE diaphragm Anti-Siphon Valve1-6 Bar & Relief Valve 1-20 Bar

#### Use with Anti-Siphon Valve Function

Multi-function valve removes siphon effect to occur in the systems in which dosed point is located in the distance lower than the dosage pump.

Multi-function valve removes siphon effect in the systems in which powerful vacuum effect to occur in the dosage point in pressurized water lines.

It increases repeatability of chemical feeding in fixed flow rate by providing a fixed discharge pressure on the chemical feeding line.

It increases the performance of the chemical feeding systems by continuously exerting back pressure to the chemical feeding line..

#### Using the system with Relief Valve(Pressure Relief) Function

Multi-function valve ensures safe operation of the system by relieving high pressure wave in a manner sensitive to the pressure in the systems in which sudden pressure increases occur. Once the pressure increases for any reason whatsoever higher than the one adjusted, valve opens and relieves excess pressure and the relief valve closes when the pressure level returns to normal. This ensures that the dosage system works in a durable and good condition and adjusted stable dosage quantity is transferred. It serves as a security mechanism in order to prevent accidents or explosions in extremely high pressure systems.

Stock Code	Model	Description
410320010000000 ANTI-SIPHO	N VALVE (1/2) 4X6 V	Anti-Siphon Valve
410290010000000 MULTIFUNC	TION VALVE	Anti-Siphon and Pressure Relief Valve (Relief Valve)

## **ELECTRODE HOUSING TU-DO PVC B**

#### Electrode Housing Sets for DO and TU Sensors

- DO PVC B and TU PVC B model is suitable for dissolved oxygen and turbidity sensors
- · Delivers accurate flow for high accuracy and repeatability
- It has a flow mechanism that prevents air bubbles
- · The optical sensor provides a flow in front of it and cleans the sensor
- · 910 model holder; PVC body, 4x6 mm hose connection, flow adjustment valve, 5-meter black hose. (For turbidity measurements under 1 NTU)
- · 920 model holder; PVC body, 6x8 mm hose connection, 5-meter black hose (for turbidity measurements on 1 NTU and dissolved oxygen sensors)





920

Stock Code Model Description 421490000003100 ELECTRODE HOUSE TU 910 PVC B Low Turbidity Electrode Housing With Pvc Body, 4X6 mm, Valve, 5M Hose 42149000003105 ELECTRODE HOUSE TU 920 PVC B

High Turbidity And Dissolved Oxygen Electrode Housing With Pvc Body, 6X8 mm, 5M Hose



## ELECTRODE HOLDER INLINETU-DO PVC B

#### Inline T Holder for DO and TU Sensors

- · Suitable for DO PVC B and TU PVC B model dissolved oxygen and turbidity sensors
- · Provides accurate sensor mounting for high accuracy and repeatability
- · Position the optical sensor lead in the most accurate way

Stock Code Model Description

421490000005100 ELECTRODE HOLDER INLINE TUDO PVC B On-Line T Holder For Dissolved Oxygen And Turbidity Sensors

# **07** Auxiliary Equipments Sensor Holders



## **IMMERSION TYPE PROBE HOLDER**

## Sealed Dip Type Probe Holders

- · Chemical resistant PVC body
- Design that protects the sensor cables from liquid contact
- · Detachable, sealed electrode holder tips
- · Design suitable for wall mounting from upper point

Stock Code Description Model

410030010000000 SUBMERSIBLE PROBE HOLDER	Submersible Type Probe Holder (For 12mm Sensors)
410030060000000 PROBE HOLDER 272CD	Submersible Type Probe Holder (For S272 Sensors)
410030080000000 SUBMERSIBLE PROBE HOLDER DO-TU PVC BTU	Submersible Type Probe Holder (For Pyc B Series, Do And Sensors)











## SPEED-CONTROLLED MIXING INOX

#### Stainless Steel Shaft 300-900 d/d adjustable Mixers

- Durable and hardwearing thanks to its stainless steel shaft
- Easy installation thanks to the compatible flange for chassis and tank assembly
- · Homogeneous mixture effect with special fan design
- · Alternative fan, shaft and electricity supply options according to the height and volume
- of the chemical tank
- · Fast assembly with its packaging ready for easy installation
- · Easy provision and stock management thanks to its demounted shaft option

Place order for1 set mixer as follows;

Stock Code Model Description

330003001010103 | MIXER SPEED CONTROLLED 100 200 220V INOX | (Mixer motor and fan part for 1UU ve 2UU Litre vertical tanks (220V AC)

330003001010104 MIXER SPEED CONTROLLED 300 IBC 220V INOX (Mixer motor and fan part for 300 Litre vertical tanks(220V AC)

The above products are the motor and fan part of the mixers. You can select the miles section below to complete the order.

6	00113610100201   MIXER MIL SET 100-IBC INOX	Mixer Shaft Set For 100 And 1000 (ibc) Liter Vertical Tanks.
6	00113610200201   MIXER MIL SET 200 INOX	Mixer Shaft Set For 200 Liter Vertical Tanks
6	00113610300201   MIXER MIL SET 300 INOX	Mixer Shaft Set For 300 Liter Vertical Tanks

For Motor/Fa	n 🖈 →	100-200 220V	100-200 220V	300-IBC 220V
Engine Power	KW	0,25	0,25	0,25
Supply Voltage	AC	220V	220V	220V
Revolutions per minute	RPM	1500	1500	1500
Fan Housing		SS316	SS316	SS316
Fan Diameter	mm	90	90	130
Fan Length	mm	42	42	42
For Shaft	☆☆	100-IBC	200	300
Shaft Length	mm	750	850	1050
Shaft Bodyl		SS316	55316	SS316
Mixing Volume	Liters 10	10-1000 (IBC)	200	300





## SPEED-CONTROLLED MIXING PVC

#### PVC Shaft 300-900 d/d adjustable Mixers

- · Ability to adjust the number of revolutions between 300-900 by frequency control
- Hardwearing and resistant to the abrasive chemicals thanks to its PVC shaft structure
- Easy installation thanks to the compatible flange for chassis and tank assembly
- · Homogeneous mixture effect with special fan design
- · Alternative fan, shaft and electricity supply options according to the height and volume
- of the chemical tank
- Fast assembly with its packaging ready for easy installation
   Easy provision and stock management thanks to its demounted shaft option

Place order for1 set mixer as follows;

Stock Code Model Description

330003001010101 MIXER SPEED CONTROLLED 100 200 220V PVC (Mixer motor and fan part for 1UU ve 2UU Litre vertical tanks (220V AC)

330003001010102 MIXER SPEED CONTROLLED 300 IBC 220V PVC (Mixer motor and fan part for 300 Litre vertical tanks (220V AC)

The above products are the motor and fan part of the mixers. You can select the miles section below to complete the order.

600113610100101   MIXER MIL SET 100-IBC PVC	Mixer Shaft Set For 100 And 1000 (ibc) Liter Vertical Tanks.
600113610200101   MIXER MIL SET 200 PVC	Mixer Shaft Set For 200 Liter Vertical Tanks
600113610300101   MIXER MIL SET 300 PVC	Mixer Shaft Set For 300 Liter Vertical Tanks

For Motor/Fai	n it →	100-200 220V	100-200 220V	300-IBC 220V
Engine Power	KW	0,25	0,25	0,25
Supply Voltage	AC	220V	220V	220V
Revolutions per minute	RPM	1500	1500	1500
Fan Housing		PVC	PVC	PVC
Fan Diameter	mm	90	90	130
Fan Length	mm	60	60	68
5		100 ID6	200	200
For Shaft	☆☆	100-IBC	200	300
Shaft Length	mm	750	850	1050
Shaft Body		PVC	PVC	PVC
Mixing Volume	Liters 10	)0-1000 (IBC)	200	300





Model

## **MIXER SLOW INOX**

#### Stainless Steel Shaft 96rpm Slow Mixers

- · Robust and long-lasting with stainless steel shaft structure
- Ease of installation thanks to compatible flange for chassis and tank mounting
- · Homogeneous mixing effect with special fan design
- · Alternative fan, shaft, and electrical supply options according to chemical tank length
- and volume
- · Quick mounting with easy installation ready packing
- · Optional frequency-controlled motor drives with adjustable revolutions

Description

• Easy supply and stock management thanks to the disassembled shaft option Order 1 set of mixers as follows;

331002000201030	MIXER SLOW 100-200-300-IBC 220V INOX	Mixer Motor And Fan Part (220V Ac) For 100 - 200 - 300 And 1000 (ibc) Liter Vertical Tanks
331002000200030	MIXER SLOW 100-200-300-IBC 380V INOX	Mixer Motor And Fan Part (380V Ac) For 100 - 200 - 300 And 1000 (ibc) Liter Vertical Tanks
The above products a	re the motor and fan part of the mixers. You	can select the miles section below to complete the order.
600113610100201	MIXER MIL SET 100-IBC INOX	Mixer Shaft Set For 100 And 1000 (ibc) Liter Vertical Tanks.

600113610100201   MIXER MIL SET 100-IBC INOX	Mixer Shaft Set For 100 And 1000 (ibc) Liter Vertical Tanks.
600113610200201   MIXER MIL SET 200 INOX	Mixer Shaft Set For 200 Liter Vertical Tanks
600113610300201   MIXER MIL SET 300 INOX	Mixer Shaft Set For 300 Liter Vertical Tanks

## **Technical Specifications**

Stock Code

For Motor/Far		00-200-300-l 220V	BC 100-2	200-300-IBC 380V
Engine Power	KW	0,18		0,18
Supply Voltage	AC	220V		380V
Revolutions per minute	RPM	96		96
Fan Housing		SS316		SS316
Fan Diameter	mm	200		200
Fan Length	mm	64		64
For Shaft	☆☆	100-IBC	200	300
Shaft Length	mm	750	850	1050
Shaft Body		SS316	SS316	SS316
Mixing Volume	Liters 10	00-1000 (IBC)	200	300





Model

Stock Code

## **MIXER SLOW PVC**

#### PVC Shaft 96 rpm Slow Mixers

- · Resistant to corrosive chemicals with PVC shaft structure and long life
- · Ease of installation thanks to compatible flange for chassis and tank mounting
- · Homogeneous mixing effect with special fan design
- · Alternative fan, shaft, and electrical supply options according to chemical tank length
- · and volume
- · Quick mounting with easy installation ready packing
- Optional frequency-controlled motor drives with adjustable revolutions
   Easy supply and stock management thanks to the disassembled shaft option
   Order 1 set of mixers as follows;



Description

330002000201030	MIXER SLOW 100-200-300-IBC 220V PVC	Mixer Motor And Fan Part (220V Ac) For 100 - 200 - 300 And 1000 (ibc) Liter Vertical Tanks
330002000200030	MIXER SLOW 100-200-300-IBC 380V PVC	Mixer Motor And Fan Part (380V Ac) For 100-200- 300 And 1000 (ibc) Liter Vertical Tanks
The above products o	are the motor and fan part of the mixers. You	a can select the miles section below to complete the order.
600113610100101	MIXER MIL SET 100-IBC PVC	Mixer Shaft Set For 100 And 1000 (ibc) Liter Vertical Tanks.
600113610200101	MIXER MIL SET 200 PVC	Mixer Shaft Set For 200 Liter Vertical Tanks
600113610300101	MIXER MIL SET 300 PVC	Mixer Shaft Set For 300 Liter Vertical Tanks

For Motor/Fa		100-200-300-l 220V	BC 100-	200-300-IBC 380V
Engine Power	KW	0,18		0,18
Supply Voltage	AC	220V		380V
Revolutions per minute	RPM	96		96
Fan Housing		PVC		PVC
Fan Diameter	mm	200		200
Fan Length	mm	50		50
For Shaft Shaft Length	<b>☆☆</b>	100-IBC	<b>200</b> 850	<b>300</b>
Shaft Body		PVC	PVC	PVC
Mixing Volume	Liters 1	00-1000 (IBC)	200	300





## **CHEMICAL SUBSTANCE TANKS**

#### Monoblock Polyethylene Chemical Tanks

- Polyethylene body resistant to acids and other chemicals One-piece monoblock structure without rivets
- UV-stabilized, solar-resistant, microorganism growth-preventing material and production technology

Stock Code	Model	Description	Body Dia. cm	Height cm	Cover Dia. cm
421510410900120 KL 10	O LT CHEMICAL TANK	Monoblock Polyethylene 100 Lt Chemical Tank	41	90	12
421510501010120 KL 20	IO LT CHEMICAL TANK	Monoblock Polyethylene 200 Lt Chemical Tank	50	101	12
421510581190120 KL 30	OO LT CHEMICAL TANK	Monoblock Polyethylene 300 Lt Chemical Tank	58	119	12



## **TANKS WITH MIXERS**

#### Fittings for Installing Mixers in Tanks

- The desired mixer can be installed in KL 100, KL 200, KL 300, and IBC chemical tanks.
- · Prices do not include tanks and mixers; they are for installation equipment only.

600110400600000   MOUNTING SET OF MIXER 100 MOUNTING SET SPEED   Pvc Stand And Connection Parts For Mixer installation in 100 Liter Tanks
600110400600010 MOUNTING SET OF MIXER 200 MOUNTING SET SPEED Pvc Stand And Connection Parts For Mixer installation in 200 Liter Tanks
600110400600020 MOUNTING SET OF MIXER 300 MOUNTING SET SPEED Pvc Stand And Connection Parts For Mixer installation in 300 Liter Tanks
600110400601000 MOUNTING SET OF MIXER 100 MOUNTING SET SLOW Pvc Stand And Connection Parts For Mixer installation in 100 Liter Tanks
600110400601010 MOUNTING SET OF MIXER 200 MOUNTING SET SLOW Pvc Stand And Connection Parts For Mixer installation in 200 Liter Tanks
600110400601020 MOUNTING SET OF MIXER 300 MOUNTING SET SLOW Pvc Stand And Connection Parts For Mixer installation in 300 Liter Tanks
600110400600030   MOUNTING SET OF MIXER IBC MOUNTING SET   Portable Metal Stand And Connection Parts For Mixer installation in ibc (1000 L) Tanks.





## Waters Meters

Liquid meters are indispensable instruments of the industry. Meters used to measure the total and instantaneous flows of liquids are the most practical, most economical and healthy solution for this process.

Used in oil, chemical, petrochemical, water, wastewater, food, dye, cosmetics, pharmaceutical, automotive, construction, textile and all other industrial plants using liquids, counters prevent time, labor and cost losses and ensure accurate cost calculations and improvement of production quality.

Liquids must be measured to enable complete control in plants using water, fuel products, solvents, acids, oils, liquid food and other industrial liquids.

Water meters are the most important instruments for municipal and irrigation applications with models with a pulse output, automation applications in plants, treatment systems, and measuring and dosing applications as well as for measurement of liquids. AnTech offers the most appropriate solution for your applications with liquid meters.







# SINGLE JET COLD WATER METERS WITH PULSER DRY TYPE

#### Single Jet Cold Waters

- · CD-type water meters are MID-approved according to Directive 2004/22/EC.
- · Non-misting, clear and easy-to-read instrument panel.
- · Tempered top glass made of suitable thickness.
- · Robust and durable structure that can be used even in dirty waters.
- Special epoxy painted brass body.
- The nominal operating pressure is 16 bar.
- · Internal wet parts resistant to lime and abrasion.
- · Precise measuring range and low-pressure loss with single jet design.
- Thanks to the mechanical transmission system, it is not affected by external magnetic fields.
- · Sealed recording mechanism with ID code and serial numbers.
- · Easy installation with Horizontal and Vertical Mounting feature.
- · Reed switch with IP68 protection class,

Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
421100110015000   WATER METER CD15		13,5 x 13,5 x 17,5 1,20
421100110020000   WATER METER CD20		14 x 14 x 17,5 1,37

Metrological Class MID	R(Q3 / Q1 < 250 H - < 100 V
Body Specifications	Brass Cast Body
Nominal Operating Pressure	16 Bar
Temperature Range	0-50 °C
maximum error rate	< 30 °C with +/-2% water temperature
Flow Profile Sensitivity	UO-DO (no straight lengths required up or down)
Maximum Reading (m3)	100.000
Minimum Reading (Liters)	0.05
Pulse Options (Pulse-Liter)	1-1 / 1-10
Pulse Cable Length	1 meter
Flow rate m3 / h	DN15 -2,5 m3 / DN25-4m3 / DN35-6,3 m3



# MULTI JET COLD WATER METER WITH PULSER DRY TYPE





- · Non-misting, clear and easy-to-read instrument panel.
- · Tempered top glass made of suitable thickness.
- · Robust and durable structure that can be used even in dirty waters.
- · Special epoxy painted brass body.
- The nominal operating pressure is 16 bar.
- · Internal wet parts resistant to lime and abrasion.
- · Inlet strainer feature with large strainer area
- Possibility of assembly without flat pipe distance (UO DO)
- · Sealed recording mechanism with MID code and serial numbers.
- It is mounted horizontally and does not require a straight pipe connection, making it easy to install.
- · Reed switch with IP68 protection class,

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421103162015000   WATER METER MJSDC15		19,5 x 19,5 x 13,5	1,80
421103162020000   WATER METER MJSDC20		20 x 20 x 13,5	2,20
421103162025000   WATER METER MJSDC25		26,5 x 26,5 x 15,5	2,90
421103162030000   WATER METER MJSDC30		26,5 x 26,5 x 15,5	3,00
421103162040000   WATER METER MJSDC40		31 x 31 x 17,5	5,10
421103162050000   WATER METER MJSDC50		32 x 32 x 18,5	10,20
421103162500000   WATER METER MJSDC50FL		32 x 32 x 18,5	10,20

Metrological Class MID	R (Q3 / Q1 < 200 H - < 50 V
Body Specifications	Brass Cast Body
Nominal Operating Pressure	16 Bar
Temperature Range	0-50 °C
Maximum error rate	< 30 °C with +/-2% water temperature
Flow Profile Sensitivity	UO-DO (no straight lengths required up or down)
Maximum Reading (m3)	100.000 ( DN 15-20-25-30 ) / 1.000.000 ( DN 40-50 )
Minimum Reading (Liters)	0.05
Pulse Options (Pulse-Liter)	1-1 / 1-10 / 1-100 / 1-1000
Pulse Cable Length	1 meter
Flow rate m3 / h	DN15-2,5m3 / DN20-4m3 / DN25-6,3 m3 / DN30-10m3 / DN40-16m3 / DN50-25m3





## **WOLTMANN COLD WATER METERS WITH PULSER DRY TYPE**

#### **Woltmann Cold Water Counters**

- · WP SDC type water meters are MID-approved.
- · Non-misting, clear and easy-to-read instrument panel.
- · Low initial flow rate and wide measuring range.
- · Design that can be installed/replaced without removing the seal.
- Epoxy painted body anti-rust according to drinking water regulations.
- Reading convenience thanks to 360° rotatable numerator.
- The nominal operating pressure is 16 bar.
- · Woltman type design suitable for industrial use.
- · Numerator with protection class P68
- $\boldsymbol{\cdot}$  Easy installation with horizontal and vertical connection to the pipeline.
- · Reed switch with IP68 protection class,

Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
421100130050000   WATER METER WPSCD50		21 x 21 x 27 13,00
421100130065000   WATER METER WPSCD65		21 x 21 x 27 14,00
421100130080000   WATER METER WPSCD80		22,5 x 22,5 x 28,5 17,00
421100130100000   WATER METER WPSCD100		27 x 27 x 29,5 19,00
421100130125000   WATER METER WPSCD125		27 x 27 x 29,5 21,00
421100130150000   WATER METER WPSCD150		32 x 32 x 39,5 45,00
421100130200000   WATER METER WPSCD 200		36 x 36 x 41 66,00

Metrological Class MID	R80
Body Specifications	anti-rust epoxy painted body.
Nominal Operating Pressure	16 Bar
Temperature Range	0-50 °C
maximum error rate	< 30 °C with 1+/-2% water temperature
Mounting Position	Horizontal / Vertical (H,V)
Maximum Reading (m3)	999.999,999 ( DN 50-65-80-100-125) / 9.999.999,99 ( DN 150-200 )
Minimum Reading (Liters)	0,0005 ( DN 50-65-80-100-125) / 0.005 ( DN 150-200 )
Pulse Options (Pulse-Liter)	1-100 / 1-1000 ( DN 50-65-80-100-125 ) / 1-1000 / 10.000 ( DN 150-200 )
Pulse Cable Length	1 meter
Flow rate m3 / h	DN50-40m3 / DN65-63m3 / DN80-63 m3 / DN100-100m3 / DN125-160m3 / DN150-250m3 / DN200-400m3





## **WOLTMANN COLD WATER WITH PULSER**

#### **Woltmann Cold Water Counters**

- MWN type water meters are mid approved in accordance with Directive 2004/22/EC.
- · Non-misting, clear and easy-to-read instrument panel.
- · Low initial flow rate and wide measuring range.
- · Design that can be installed/replaced without removing the seal.
- Epoxy painted body anti-rust according to drinking water regulations.
- Reading convenience thanks to 3600 rotatable numerator.
- The nominal operating pressure is 16 bar.
- · Next-generation woltmann design with replaceable mechanism
- · Magnetic transfer and airtight indicator
- Easy installation with no flat pipe connection required mounting possibility (U0 D0)
- · Reed switch with IP68 protection class,

Stock Code	Model	Package Sizes/cm W-L-H		Packed /eight/Kg
421100140040000   WATER METER MWN40		21 x 21 x 18,5		8,75
421100140050000   WATER METER MWN50		21 x 21 x 19,5		10,80
421100140065000   WATER METER MWN65		22 x 22 x 20,5		11,55
421100140080000   WATER METER MWN80		22,5 x 22,5 x 2,5		14,65
421100140100000 WATER METER MWN100		26 x 26 x 23,5		16,80
421100140125000   WATER METER MWN125		26 x 26 x 23,5		19,10
421100140150000   WATER METER MWN150		31 x 31 x 36		40,90
421100140200000   WATER METER MWN200		36 x 36 x 39	T	53,50

Metrological Class MID	R100 ( DN40-50) / R125 ( DN65 ) / R160 (DN80)/ R200 (DN100) / R160 (DN125) / R200 (DN150) / R125 (DN200)
Body Specifications	anti-rust epoxy painted body.
Nominal Operating Pressure	16 Bar
Temperature Range	0-50 °C
maximum error rate	< 30 °C with +/-2% water temperature
Mounting Position	Horizontal / Vertical (H,V)
Flow Profile Sensitivity	"U0-D0 (no straight lengths up or down)"
Maximum Reading (m3)	1.000.000( DN 40-50-65-80-100-125 ) /10.000.000 ( DN 150-200 )
Minimum Reading (Liters)	0.0005 ( DN 40-50-65-80-100-125 ) / 0.005 ( DN 150-200 )
Pulse Options (Pulse-Liter)	1-10/ 1-100 / 1-1000 ( DN 40-50-65-80-100-125 ) / 1-1000 /( DN 150-200 )
Pulse Cable Length	1.5 meter
Flow rate m3 / h	DN40-30m3 / DN50-50m3 / DN65-60m3 / DN80-120m3 / DN100-230m3 / DN125-250m3 / DN150-400m3 /DN200 750 m3

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## Blowers

Blowers are the products that transfer air to low pressures or can make vacuum. It consists of a propeller and cover with a peripheral channel in it. Blower blades operate without contacting the pump housing and each other. Therefore, the blades do not need to be lubricated. The operation of the system only with air or gas ensures that the environment remains clean. Thus, it provides great advantages in chemical applications requiring a clean gas flow, aquaculture, pneumatic conveying applications, mining and wastewater treatment industries and Jacuzzi and pool applications.





## **SINGLE-STAGE BLOWERS**

#### Single-Stage Blowers

- · Minimal vibration with strong compensation
- $\boldsymbol{\cdot}$  Easy and flexible installation and use thanks to its horizontal and vertical mountable
- $\boldsymbol{\cdot}$  High durability and long-term performance with special Aluminum body
- · Maintenance-free, high-efficiency fan
- · Possibility of use as pressure and vacuum blower
- $\cdot$  Easy switching between high pressure and high vacuum
- · Direct 380V AC supply (contact with us for 220 AC models)
- IP-55 body protected against water spray and dust
- Ability to work with ambient conditions at (- )10  $^{\circ}\text{C}$  and (+)50  $^{\circ}\text{C}$
- · Pulsation-free air production with low noise levels and minimal vibration operation

Stock Code	Model	Power Kw	Phase	Input-output	Packaging Dimensions / mm W-L-H	Packed Weight/Kg
421030000750000	BLOWER 0,85KW 3P	0,85	3	11/2"	292 x 286 x 302	16
421030101100000	BLOWER 1,1KW 1P	1,1	1	11/2"	292 x 286 x 302	17
421030001300000	BLOWER 1,3KW 3P	1,3	3	11/2"	292 x 286 x 302	17
421030001601000	BLOWER 1,6KW	1,6	3	2"	346 x 334 x 337	23
421030002201000	BLOWER 2,2KW 3P	2,2	3	2"	346 x 334 x 337	25
421030003001000	BLOWER 3KW 3P	3	3	2"	385 x 360 x 366	34
421030004001000	BLOWER 4KW 3P	4	3	2"	432 x 382 x 384	40
421030005501000	BLOWER 5,5KW 3P	5,5	3	2 1/2"	477 x 451 x 509	63
421030007501000	BLOWER 7,5KW 3P	7,5	3	2 1/2"	477 x 451 x 509	66
421030011001000	BLOWER 11KW 3P	11	3	4"	644 x 550 x 624	116
421030015001000	BLOWER 15KW 3P	15	3	4"	644 x 550 x 624	116
421030018502000	BLOWER 18,5KW 3P	18,5	3	4"	644 x 550 x 624	126





## **SINGLE-STAGE BLOWER SPECIFICATIONS**

Model	0	50	90	100	120	130	150	160	190	200	250	270	280	300	350	360	400	430	450	460
BLOWER 0,85KW 3P	145	110	86	80	70	64	52	44												
BLOWER 1,1KW 1P	148	110	86	80	70	64	52	44	30	24										
BLOWER 1,3KW 3P	148	110	86	80	70	64	52	44	30	24										
BLOWER 1,6KW	210	180	156	148	132	125	110	102	88											
BLOWER 2,2KW 3P	210	180	156	148	132	125	110	102	88	82	54	46								
BLOWER 3KW 3P	275	240	206	200	181	177	158	150	122	118	76	60	50							
BLOWER 4KW 3P	320	276	242	238	230	224	202	198	180	176	140	124	118	100	75	72				
BLOWER 5,5KW 3P	530	480	436	430	412	406	400	396	370	358	300	286	276	258						
BLOWER 7,5KW 3P	530	480	436	430	412	406	400	396	370	358	300	286	276	258	212	200	176	150		
BLOWER 11KW 3P	1050	975	930	920	900	880	860	840	800	790	725									
BLOWER 15KW 3P	1050	975	945	920	900	880	860	840	800	790	725	695	685	660	595	560	535			
BLOWER 18,5KW 3P	1050	975	945	920	900	880	860	840	800	790	725	695	685	660	595	560	535	495	465	450

## Spare Parts - Options

Stock Code	Stock Name	Description	cluded in Package
421490000004200	BLOWER INJECTION SET 11/2"	Injection Set (Outlet Pipe, Flexible Connection, Manometer, Check Valve, Connecting Pipe, Vibration Mount)	X
421490000004300	BLOWER INJECTION SET 2"	Injection Set (Outlet Pipe, Flexible Connection, Manometer, Check Valve, Connecting Pipe, Vibration Mount)	×
421490000004400	BLOWER INJECTION SET 2 1/2"	Injection Set (Outlet Pipe, Flexible Connection, Manometer, Check Valve, Connecting Pipe, Vibration Mount)	×
600112301000000	BLOWER SUCTION SET 90' (1 1/2)	Suction Set For Blower 11/2"	X
600112302000000	BLOWER SUCTION SET 2"	Suction Set For Blower 2"	×
421490000004500	BLOWER SUCTION SET 2 ½"	Suction Set For Blower 2 1/2"	×
421490000002900	BLOWER SUCTION SET 4	Suction Set For Blower 4	×
421490000003700	BLOWER MUFFLER 11/2"	Blower Muffler 11/2"	×
421490000003800	BLOWER MUFFLER 2"	Blower Muffler 2"	×



## **DOUBLE-STAGE BLOWERS**

#### **DOUBLE-Stage Blowers**

- · Minimal vibration with strong compensation
- $\boldsymbol{\cdot}$  Easy and flexible installation and use thanks to its horizontal and vertical mountable
- $\boldsymbol{\cdot}$  High durability and long-term performance with special Aluminum body
- · Maintenance-free, high-efficiency fan
- · Possibility of use as pressure and vacuum blower
- $\cdot$  Easy switching between high pressure and high vacuum
- · Direct 380V AC supply (contact with us for 220 AC models)
- IP-55 body protected against water spray and dust
- Ability to work with (- )10 OC in ambient conditions at (+) 50 OC
- · Pulsation-free air production with low noise levels and minimal vibration operation

Stock Code	Model	Power Kw	Phase	Input-output	Packaging Dimensions / mm W-L-H	Packed Weight/Kg
421030002201001	BLOWER 2,2KW 3P DOUBLE STAGE	2,2	3	11/2"	401 x 485 x 315	27
421031003001000	BLOWER 3KW 3P DOUBLE STAGE	3	3	2"	465 x 597 x 371	40
421030004001001	BLOWER 4KW 3P DOUBLE STAGE	4	3	2"	499 x 597 x 371	44
421030004001005	BLOWER 4,3KW 3P DOUBLE STAGE	4	3	2"	526 x 639 x 410	54
421031005501000	BLOWER 5,5KW 3P DOUBLE STAGE	5,5	3	2"	556 x 639 x 410	66
421030007501001	BLOWER 7,5KW 3P DOUBLE STAGE	7,5	3	2"	571 x 639 x 410	73
421030007501005	BLOWER 7,5KW 3P DOUBLE STAGE-H	7,5	3	2½"	589 x 799 x 509	86
421030011001001	BLOWER 11KW 3P DOUBLE STAGE	11	3	2½"	694 x 799 x 509	104
421030015001001	BLOWER 15KW 3P DOUBLE STAGE	15	3	21/2"	694 x 799 x 509	120





## **DOUBLE-STAGE BLOWER SPECIFICATIONS**

Model	0	50	100	150	200	240	250	260	280	300	350	370	380	400	440	450	460	500	570	600	670
BLOWER 2,2KW 3P DOUBLE STAGE	150	138	125	114	100	86	84	82	78	70	55	51	48	40	20						
BLOWER 3KW 3P DOUBLE STAGE	230	218	196	180	165	150	146	142	132	125	110	104	100	90							
BLOWER 4KW 3P DOUBLE STAGE	230	218	196	180	165	150	146	142	132	125	110	104	100	90	75	72	68	25			
BLOWER 4,3KW 3P DOUBLE STAGE	320	305	285	274	266	255	252	250	242	238	220	214	210								
BLOWER 5,5KW 3P DOUBLE STAGE	320	305	285	274	266	255	252	250	242	238	220	214	210	200	188	182	180	160			
BLOWER 7,5KW 3P DOUBLE STAGE	320	305	285	274	266	255	252	250	242	238	220	214	210	200	188	182	180	160	134	115	
BLOWER 7,5KW 3P DOUBLE STAGE-H	520	500	480	440	412	396	394	390	382	366	352	347	344	335							
BLOWER 11KW 3P DOUBLE STAGE	520	500	480	440	412	396	394	390	382	366	352	347	344	335	310	305	300	290	276	230	210
BLOWER 15KW 3P DOUBLE STAGE	520	500	480	440	412	396	394	390	382	510	452	424	344	335	310	305	300	290	276	265	250

## Spare Parts - Options

Stock Code	Stock Name	Description	 icluded in Package
421490000004200 BLOWER II	NJECTION SET 11/2"	Injection Set (Outlet Pipe, Flexible Connection, Manometer, Check Valve, Connecting Pipe, Vibration Mount)	×
421490000004300 BLOWER IN	NJECTION SET 2"	Injection Set (Outlet Pipe, Flexible Connection, Manometer, Check Valve, Connecting Pipe, Vibration Mount)	X
421490000004400 BLOWER II	NJECTION SET 2 ½"	Injection Set (Outlet Pipe, Flexible Connection, Manometer, Check Valve, Connecting Pipe, Vibration Mount)	×
600112301000000 BLOWER S	SUCTION SET 90' (11/2)	Suction Set For Blower 11/2"	×
600112302000000 BLOWER S	SUCTION SET 2"	Suction Set For Blower 2"	×
421490000004500 BLOWER S	SUCTION SET 2 1/2"	Suction Set For Blower 2 1/2"	×
421490000002900 BLOWER S	SUCTION SET 4	Suction Set For Blower 4	×
421490000003700 BLOWER N	MUFFLER 11/2"	Blower Muffler 11/2"	X
421490000003800 BLOWER M	MUFFLER 2"	Blower Muffler 2"	×

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## Portable Devices and Test Kits

Field analyses are usually carried out in order to analyze the current state of the system or to examine the water quality. In these analyzes, high precision, high accuracy, suitable measuring range and repeatability are very critical. Our AnTech experts have created the most appropriate field analysis family for you. We have products which can respond to tens of parameters as well as Ph, Orp, Conductivity, TDS, Salinity, Free Chlorine, Total Chlorine, Alkalinity, Cyanuric Acid, Iron, Nitrite, Nitrate, Total Hardness.





## **ECO TESTR PH2 WATERPROOF**

#### Pocket-Size pH Meter

- pH measuring range 0.0 to 14.00, 0.1 resolution, ±0.1 precision.
- Automatic calibration & automatic fluid recognition, Automatic temperature compensation ( ATC)
- Waterproof IP67 floatable body
- · Long sensor life without replacement
- · Hold function button that temporarily freezes the reading value for easy recording
- Sensor protective cover that can be used as a reservoir for calibration liquid and sample liquid

Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
421020050000000 ECO TESTR PH2 WATERPROOF		13,5 x 24,5 x 3 0,145

Ph Measurement Range	pH 0.0 to 14.0
Precision	0.1 pH
Accuracy	± 0.1 pH
Calibration	Automatic 3 Point (pH 4 - pH 7 - pH 10)
Temperature Compensation	Automatic Temperature Compensation
Operating Temperature	0 to 50 " C
Hold Function	Holding the last value on the screen with the hold key
Automatic shutdown	8.5 Minutes After Last Key Pressed
Body	Lcd Display / IP 67 Waterproof Case
Need for Power	4 X 1.5V "A76" Micro Alkaline Batteries



## PH TESTR 30 EUTECH

#### Replaceable Sensor Pocket-Size pH Meter

- pH measuring range -1.0 to 15.00, 0.01 resolution, ±0.01 precision.
- Automatic calibration & automatic fluid recognition, Automatic temperature compensation sation (ATC)
- · Waterproof IP67 floatable body
- · Easily interchangeable sensor
- · Hold button that temporarily freezes the reading value for easy recording
- Sensor protective cover that can be used as a reservoir for calibration liquid and sample liquid

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421021090000000 PH TESTR 30 EUTECH		6,5 x 21 x 4,5	0,205

Ph Measurement Range	pH -1.0 to 15.0
Ph Sensitivity	0.01 pH
Accuracy	± 0.01 pH
Temperature Indicator / ATC	0 - 50 " C or 32 - 122 " F / Yes
Temperature Sensitivity	0.1 " C / " F
Accuracy	0.5 " C / 0.9 " F
Ph Buffer Options	pH 4.00, pH 7.00, pH 10.00
Automatic shutdown	8.5 Minutes After Pressing the Last Key
Special Functions/HOLD	Self-Diagnosis /Measurement Hold Function
Power Requirement	4 x 1.5V Alkaline Button Batteries





## PH5 + CASE

#### Purse pH Meter

- $\cdot\,$  0.0 to 14.00 pH measuring range, 0.01 pH and ±0.5 OC precision.
- · Automatic calibration fluid recognition
- Automatic temperature compensation (ATC)
- · Easily interchangeable external sensor
- · Hold function button for easy access to reference measuring points
- · Auto-off saves energy and extends battery life.

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421021100000000 PH5+ WITH BAG		27 x 35,5 x 8,5	1,475

Ph Measurement Range	pH 0.00 to 14.00
Ph Precision and Accuracy	0.01 pH and ± 0.01 pH
Temperature Range	0 to 100.0 " C
Temperature Sensitivity and Accuracy	0.1 " C and ± 0.5 " C
Temperature Compensation	Auto / Manual (0 to 100 " C)
Ph Buffer Options	pH 4.00, pH 7.00, pH 10.00
Special Functions	Auto-Off after 17 minutes a/ Self-diagnostic messages
Power Requirement	4 'AAA' x 1.4V battery



## **ORP TESTR 10 WATERPROOF**

#### **Pocket-Size ORP Meter**

- ORP (-999\_+1000 mV/ 1mV & ±2 mV) hand-held meter.
- · User-replaceable sensor
- Water and dustproof floatable IP67 body
- · Hold function that freezes the instantaneous reading value.
- Wide platinum strip sensor for fast response and high performance.
- · Sensor protective cover that can be used as a reservoir for calibration liquid and sample liquid

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421020060000000 ORP TESTR 10 WATERPROOF		6,5 x 21 x 4,5	0,200

Orp Measurement Range	-999 to +1000 mV
Precision	1mV
Accuracy	± 2 mV
Number of Calibration Points	1 (± 150 mV offset)
Special Functions/HOLD	Self-diagnosis; measurement Hold function;
Power Requirement	4 x 1.5V alkaline button batteries
Automatic shutdown	Auto-Off after 8.5 minutes



## **ECOTestr SALT**

#### **Pocket-Size Salinity Meter**

- Hand-held salinity (0\_10.00 ppt/ ±2% full scale) measuring device.
- Replace the battery without using any hand tool thanks to the battery clip slot
- · Hold function that freezes the read value instantly for easy recording.
- · Sensor protective cover that can be used as a reservoir for calibration liquid or samples
- Water and dustproof floatable IP67 body

Stock Code	Model	Package Sizes/cm Packed W-L-H Weight/Kg
421020080000000 SALTTESTR WATERPROOF		13,5 x 24,5 x 3 1,475

Range	Up to 0-10.00 ppt
Precision	0.1 ppt
Accuracy	±%1
Calibration Points	1 (digital, button)
ATC -Automatic temperature compensation	Yes
Holding the Measurement Value on Screen	Yes
Automatic shutdown	8.5 Minutes After Last Key Pressed
Power	4 X 1.5V "A76" Micro Alkaline Batteries
Body	IP67 Waterproof Case

## **ECO ECTESTR HIGH**

#### **Pocket-Size Conductivity Meter**

- $\cdot$  EC (0\_19.90 mS/cm / 0.10 mS/cm & ±1% Full Scale) measuring device.
- Water and dustproof floatable IP-67 body.
- · Automatic heat compensation (ATC).
- · Manual calibration option for more precise reading.
- · Automatic shutdown, warning messages.
- · Hold function that freezes the read value instantly for easy recording.
- · Replace the battery without using any hand tool thanks to the battery clip slot
- · Sensor protective cover that can be used as a reservoir for calibration liquid or samples

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421020040000000 ECO TESTR EC HIGH WATERPROOF		13,5 x 24,5 x 3	0,145

Range	Up to 19.90 mS / cm
Precision	0.1 m5 / cm
Accuracy	± 1% full scale (± 2% over 10 mS / cm)
Calibration Points	1 (Digital, Button)
ATC-Automatic Temperature Compensation	Yes
Non-Volatile Memory	Yes
Ability to Hold the Measurement Value on Screen (hold)	Yes
Automatic shutdown	8.5 Minutes After Last Key Pressed
Body	Lcd Display / IP 67 Waterproof Case
Power Requirement	4 X 1.5V "A76" Micro Alkaline Batteries



## **ECO ECTESTR LOW**

#### **Pocket-Size Low Conductivity Meter**

- $\cdot\,$  EC 0-1990 pS /cm Has: 10 pS /cm & ± 1% Full Scale) measuring device.
- Water and dustproof floatable IP-67 body.
- · Automatic heat compensation (ATC).
- · Manual calibration option for more precise reading.
- · Automatic shutdown, warning messages.
- · Hold function that freezes the read value instantly for easy recording.
- Replace the battery without using any hand tool thanks to the battery clip slot
- · Sensor protective cover that can be used as a reservoir for calibration liquid or samples

Stock Code	Model		Packed Weight/Kg
42102002000000 EC TESTR LOW WATERPROOF		13,5 x 24,5 x 3	0,145

Conductivity Measurement Range	up to 1990 uS / cm
Precision	0.1 m5 / cm
Accuracy	± 1% full scale (± 2% over 10 mS / cm)
Calibration Points	1 (digital, button)
ATC - Automatic Temperature Compensation	Yes
Non-Volatile Memory	Yes
Ability to Hold the Measure- ment Value on Screen (hold)	Yes
Automatic shutdown	8.5 Minutes After Last Key Pressed
Body	ICD display / IP 67 Waterproof case
Power Requirement	4 X 1.5 V "A76" Micro alkaline batteries



Pocket-type Conductivity / TDS / Salinity / Temperature Meter





- · Battery life, ready-to-read, and calibration indicators
- · Automatic temperature compensation
- · Automatic buffer recognition and calibration
- · Multi-language operational instructions
- IP67 protection rating

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421029080000000 CTS TESTR EXPERT		13,5 x 24,5 x 3	0,94

Measurement Modes	Conductivity, TDS, Salinity, Temperature
Calibration Modes	Conductivity, TDS, Salinity, Temperature
Measurement Ranges	Conductivity: 0.00 to 20.00 mS
	TDS: 0.00 to 20.00 ppt (with TDS factor 1.00)
	Salinity: 0.0 to 10.00 ppt
	Temperature: 0°C to 50.0°C
Conductivity Resolution	$ $ 10.00 $\mu\text{S/cm}$ for 0 to 1990 $\mu\text{S/cm}$ ; 0.10 $\mu\text{S/cm}$ for 2.00 to 20.00 mS/cm
TDS Resolution	$\mid$ 10 ppm for 0 to 1990 ppm; 0.10 ppt for 2.00 to 20.00 ppt
Salinity Resolution	0,1 ppt
Temperature Resolution	0,1°C, 0,1°F
IP Protection Rating	IP 67
Battery Type	4×1.5V micro alkaline





## **EC TESTR MULTIRANGE 11+**

#### Conductivity Meter with Multi-Parameter Interchangeable Sensor

- EC (0\_200.0 ppm / 0.1 pmm  $\pm$  1% 0\_2000.0 pmm/ 10 pmm &  $\pm$  1%,
- 0\_10.00 ppt / 0.10 ppt &  $\pm$  1%) measuring device.
- Temperature measurement (0.0 $\_$ 50 °C/0.1 °C & ± 0.5 °C% or
- 32,0\_122,0 °F/0,1 °F&±0,9 °F
- ATC, temperature display, automatic shutdown, hold function.
- · Waterproof and dustproof.
- User-replaceable SS316 stainless steel sensor.
- Adjustable TDS factor from 0.4\_1.0 for more precise measurement.

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421020030000000 EC TESTR MULTI RANGE 11+		6,5 x 21 x 4,5	0,210

Selectable Measuring Ranges	Up to 2000 $\mu\text{S}$ / cm/ Up to 20.00 mS / cm
Selectable Conductivity Measurement Availability	10 μS / cm ; 0.10 mS / cm
Accuracy	± 1% full scale
ATC / Temperature Indicator	Yes (0 to 50 " C / 32 to 122 °F) / Yes
Calibration Points	2 automatic or 2 manual
Range	0-50.0 · C or 32.0 - 122.0 °F
Temperature Sensitivity	0.1°C / 0.1 · F
Accuracy	± 0,5 · C / ± 0,9 °F + 1 LSD
Auto Power-Off /Non-Volatile Memory	8.5 minutes after the last key was pressed/ Yes
Power Requirement	4 x 1.5 V 'A76' micro alkaline batteries (included)

## PC TESTR 35

#### Pocket-Size pH and Conductivity Meter with Interchangeable Sensor



- PCTestr 35 full scale pH and 20.0 mS in two measuring ranges
- Performs up to 2 conductivity measurements
- 5-point ph and 2-point conductivity/TDS calibration
- Adjustable TDS factor ( 0.40-1.00) and temperature coefficient feature
- (0.0 10.0% per °C)



Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421021030000000 PC TESTR 35 EUTECH		6,5 x 21 x 4,5	0,200

Ph Measurement Range	pH 0.00 to 14.00
Ph Measurement Accuracy	0.01 pH
Accuracy	± 0.01 pH
Conductivity Measurement Range	with 1999 $\mu\text{S}$ / cm ; 2,00 - 20,00 mS / cm
Conductivity Measurement Range	1 μS / cm ; 0.01 mS / cm
U	
Accurate	± 1% Full Scale
	± 1% Full Scale 25.0°C
Accurate	
Accurate  Normalization Temperature	25.0°C





## **PCS TESTR 35**

#### Pocket Type pH, Conductivity, TDS, Salinity Meter with Interchangeable Sensor

- pH, conductivity, Total Dissolved Solids, Salinity, temperature measuring device.
- Low, medium, and high conductivity / TDS ranges- can even measure distilled water!
- Multi-Range 10.00 ppt or salinity measurement up to 1.00%
- 5-point pH, 3-point conductivity, TDS, and salinity calibration.
- Adjustable TDS factor (0.40 1.00) and temperature coefficient feature
- (0.0 10.0% per °C)

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421021070000000 PCS TESTR 35 EUTECH		6,5 x 21 x 4,5	0,200

pH Range /ph precision	0.00 to 14.00 pH / 0.01 pH
Conductivity Range	to 199.9 $\mu\text{S}$ / cm ; 200 to 1999 $\mu\text{S}$ / cm ; 2,00 to 20,00 mS / cm 0.1 $\mu\text{S}$ / cm ; 1 $\rho\text{S}$ / cm ; 0.01 mS / cm
Conductivity precision	3 Auto / 3 Manual
Conductivity Calibration Points	0.0 - 99.9 ppm/ 100 - 999 ppm /
TDS Range	1.00 - 10.00 ppt
Salinity Range	0.0 - 99.9 ppm/ 100 - 999 ppm / 1.00 - 10.00 ppt/0.0 - 1.00%
Temperature range	0.0 - 50.0 °C / 32.0 - 120.0 °F
Non-Volatile Memory/HOLD	Yes
Automatic shutdown	8.5 minutes after the last key is pressed (can be disabled)
Power requirement	4 X 1.5 V "A76" Micro alkaline batteries



## **CYBERSCAN PC 450**

#### Bag pH, Conductivity, TSD, Temperature Meter

- pH, conductivity, TDS, and temperature measuring device
- Dust and waterproof floatable IP-67 body
- · Automatic fluid recognition for pH
- · Automatic measuring range in conductivity measurement
- · Large easy-to-read LCD display
- · Retrospective recording of measured parameters

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421021130000000 PC 450 METER KIT EUTECH		34 x 41.5 x 10.5	2,206

Ph Range /Ph Sensitivity	-2.00 Ph to 16.00 Ph / 0.01 Ph
Mv Range / mv sensitivity	± 2000 mV / 0.1 mV ± 999.9 mV; beyond 1 mV
Conductivity Range	0 to 200 mS; if using COMBIO3BW probe 0 to 20 mS
conductivity precision	0.01 µS - 0.1 mS
TDS Range / TDS precision	0 to 200 ppt (TDS factor 1.0) / 0.01 ppm to 0.1 ppt
Temperature Range	-10.0 - 110.0°C (14.0 - 230.0°F)
View	Special LCD with backlighting
Memory / Output	Stores up to 500 data/ USB or RS232
Real Time Clock	Time and date stamp on calibration and stored data
Temperature Compensation	-10 to 110°C automatic or manual



## POOL LAB 1.0

#### Photometric Pool Water Analyzer

- · · Measuring up to 12 parameters
- · · Connectivity with Bluetooth-compatible smart devices
- · · Ease of use with 6 keys
- · · IP68 waterproof elegant body
- · · Fixed and interchangeable bathtub feature
- · · Powerful application and software
- · · Free cloud space
- · · Ability to report measurement values
- -Starter pack content

-pH-20 Tablet

-DPD1-20 Tablet

-DPD3 -20 Tablet

-Alkalinity -10 Tablet

-Cyanuricc Acid-10 Tablet

Free Chlorine (DPD)/0.00-6.00 ppm Total Chlorine (DPD)/0.00-6.00 ppm pH / 6.50 - 8.40

Alkalinity / 0.00 - 300 ppm Cyanuric Acid / 0.00 - 160 ppm Active Oxygen / 0.00 - 30 ppm\*

Chlorine Dioxide / 0.00 - 11.40 ppm\* \* Ozone / 0.00 - 4.00 ppm\* \* Hydrogen Peroxide (LR)/0.00-2.90 ppm\* Hydrogen Peroxide (HR)/0.00-200 ppm\* Total Hardness / 0.00 - 500 ppm\* Calcium Hardness / 0.00 - 500 ppm\* Bromine / 0.00 - 13.50 ppm\* \*

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421023100000000   WID POOL LAB 1.0		14 x 28 x 7	0,600

<sup>\* \* \*</sup>Tablets are not included in the standard box content.

	Stock Code	Stock Name	Description	Included in Package
martin de Poisson	421061000000600	WID PHENOL RED TABLET 50PCS	Ph Tablet 50 Pcs	$\times$
merceno: Donne.	421061000000300	WID DPD1 50 TABLETS	Free Chlorine Tablet 50 Pcs	$  \times  $
MATERIA, POSULO:	421061000000400	WID DPD3 50 TABLETS	Total Chlorine Tablet 50 Pcs	$\times$
THE POST OF	421061000000800	WID ALKALINITY 50 TABLETS	Alkalinity Tablet 50 Pcs	$  \times  $
MATCHILLION PROGLED	421053200500100	WID CYA 50 TABLETS	Cyanuric Acid (Stabilizer) Tablet 50 Pcs	$\times$
MATERIAL PRODUCTS	421061000001300	WID DPD4 50 TABLETS	Active Oxygen Tablet 50 Pcs	$  \times  $
marrana Property	421061000001200	WID GLYCINE 50 TABLETS	Glycine Tablet 50Pcs (Additional Tablet For Chlorine Dioxide, Bromine And Ozone Measurement)	$\times$
HATEFAN DOWNER	421061000001400	WID HYD. PEROXIDE LR 50 TABLETS	Hydrogen Peroxide Low Range Tablet 50 Pcs	$\mid  \times  \mid$
MATERIAL PROPERTY	421061000001900	WID HYD. PEROXIDE HR 50 TABLETS	Hydrogen Peroxide High Range Tablet 50 Pcs	$\times$
materials. Frontiers	421061000002000	WID ACIDIFYING PT 50 TABLETS	Acidifying Tablets 50 Pcs (Additional Tablet For Hydrogen Peroxide High Range Measurement)	$\mid  \times  \mid$
	421061000001600	WID TOTAL HARDNESS 10TH2	Total Hardness 10Th2 20 Ml Liquid (50 Tests)	$\mid  \times  \mid$
4	421061000001500	WID TOTAL HARDNESS 20TH1	Total Hardness 20Th1 20 Ml Liquid (50 Tests)	$\mid  \times  \mid$
44	421061000001700	WID CALCIUM HARDNESS 20CAH1	20Cah1 20 Ml Liquid (50 Tests)	$\times$
	421061000001800	WID CALCIUM HARDNESS 20CAH2	20Cah2 20 Ml Liquid (50 Tests)	$\mid  \times  \mid$

<sup>&</sup>quot;If chlorine is present in the sample water, "Glycine "requires a reactive tablet.

<sup>&</sup>quot;Glycine" reactive tablets are not included in the standard box content.



## **POOL LAB 2.0**

#### Photometric Pool Water Analyzer

- · Measurement up to 24 parameters
- · Connection to the Bluetooth-compatible smart devices
- Easy use with 9 buttons
- IP68 waterproof elegant body
- 3 fixed and replaceable tubs
- Powerful application and software Free cloud storage Reporting measurement values Content of startup pack;
  - -20 Tablet Phenol Red 10 Tablet Alkalinity-M
  - -20 Tablet DPD N° 1 10 Tablet CYA-Test
  - -10 Tablet DPD N° 3

Stock Code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421023102000000 WID POOL LAB 2.0		9,5 x 12 x 29,5	780

<sup>\* \* \*</sup>Tablets are not included in the standard box content.

#### Parameter

Parameter	Measurement Ranges
Active Oxygen (MPS)	0.00 - 20.0 mg/l (ppm)*
Alkalinity (acid cov.)	0 - 200 mg/l (ppm)
Aluminum	0.00 - 0.30 mg/l (ppm)*
Ammonia	0.00 - 1.20 mg/l (ppm)*
Boron	0.00 - 13.0 mg/l (ppm)**
Chloride (fCl / cCl / tCl)	0.00 - 6.00 mg/l (ppm)
Chloride (HR)	5 - 200 mg/l (ppm)*
Chloramine	0.00 - 6.00 mg/l (ppm)*
Chlorine dioxide	0.00 - 11.0 mg/l (ppm)**
Cyanuric acid (Stabil.)	0 - 100 mg/l (ppm)
Iron (LR)	0.00 - 1.00 mg/l (ppm)*
Total hardness	0 - 500 mg/l (ppm)*
Urea	0.10 - 2.50 mg/l (ppm)*
Potassium	0.70 - 12.0 mg/l (ppm)**

Parameter	Measurement Ranges
Calcium hardness	0 - 500 mg/l (ppm)*
Copper	0.00 - 5.00 mg/l (ppm)*
Nitrate	1 - 50 mg/l (ppm)*
Nitrite (LR)	0.00 - 1.50 mg/l (ppm)*
Ozone	0.00 - 4.00 mg/l (ppm)**
PH	6.50 - 8.40 pH
PHMB	5 - 60 mg/l (ppm)*
Phosphate(LR)	0.00 - 4.00 mg/l (ppm)*
Phosphate (HR)	0 - 80 mg/l (ppm)*
Sulfate	5 - 100 mg/l (ppm)*
Hydrogen peroxide (LR)	0.00 - 2.40 mg/l (ppm)*
Hydrogen peroxide (HR)	0 - 180 mg/l (ppm)*
Zinc	0.00 - 1.00 mg/l (ppm)*

<sup>&</sup>quot;If chlorine is present in the sample water, "Glycine "requires a reactive tablet.

<sup>&</sup>quot;Glycine" reactive tablets are not included in the standard box content.

## **CONTENT OF THE KIT**

#### Basic Kit

1 x Bluetooth and WIFI featured PoolLab 2.0 IP68 waterproof 1 x 3 fold tub (replaceable)

1 x light protection cover 3 x plastic mixing rod

1 x 10 ml syringe

#### **Basic Kit Reagents**

20 Tablet Phenol Red 20 Tablet DPD N° 1 10 Tablet DPD N° 3 10 Tablet Alkalinity-M 10 Tablet CYA-Test

#### LabCom Uygulaması / Yazılımı

Providing and monitoring free data record of the measured paramaters on LabCom software

	Stock Code	Stock Name	Description	Included in Package
	421061000000600	WID PHENOL RED TABLET 50PCS	Ph Tablet 50 Pcs	×
Better Discoul.	421061000000300	WID DPD1 50 TABLETS	Free Chlorine Tablet 50 Pcs	×
matches Popula	421061000000400	WID DPD3 50 TABLETS	Total Chlorine Tablet 50 Pcs	×
WATERION PROVIDE	421061000000800	WID ALKALINITY 50 TABLETS	Alkalinity Tablet 50 Pcs	X
MATERIAL PRODUCTO	421053200500100	WID CYA 50 TABLETS	Cyanuric Acid (Stabilizer) Tablet 50 Pcs	×
MATERIAL PRODUCTO	421061000001300	WID DPD4 50 TABLETS	Active Oxygen Tablet 50 Pcs	X
Martine Prince In	421061000001200	WID GLYCINE 50 TABLETS	Glycine Tablet 50Pcs (Additional Tablet For Chlorine Dioxide, Bromine And Ozone Measurement)	×
Mark Street Printers Co.	421061000001400	WID HYD. PEROXIDE LR 50 TABLETS	Hydrogen Peroxide Low Range Tablet 50 Pcs	×
COLAR DE COLOR DE COL	421061000001900	WID HYD. PEROXIDE HR 50 TABLETS	Hydrogen Peroxide High Range Tablet 50 Pcs	X
The County of Paris	421061000002000	WID ACIDIFYING PT 50 TABLETS	Acidifying Tablets 50 Pcs (Additional Tablet For Hydrogen Peroxide High Range Measurement)	X
8 8	421061000001600	WID TOTAL HARDNESS 10TH2	Total Hardness 10Th2 20 Ml Liquid (50 Tests)	×
44	421061000001500	WID TOTAL HARDNESS 20TH1	Total Hardness 20Th1 20 Ml Liquid (50 Tests)	×
8.6	421061000001700	WID CALCIUM HARDNESS 20CAH1	20Cah1 20 Ml Liquid (50 Tests)	×
A A	421061000001800	WID CALCIUM HARDNESS 20CAH2	20Cah2 20 Ml Liquid (50 Tests)	X
MATERIAL PROPERTY.	421061000002700	WID DPD2 50 TABLETS	IAdditional Auxiliary Tablet for Chloramine Measurement, 50 Pcs	×
materials for any	421061000002800	WID COPPER NO 150 TABLETS	Free Copper Tablet, 50 Pcs	X
MATERIAL POOLS O.	421061000002900	WID COPPER NO 2 50 TABLETS	l Total Copper Tablet, 50 Pcs	×
MATERIAL PRODUCT	421061000003000	WID IRON LR 50 TABLETS	I Low Range Iron Tablet, 50 Pcs	X
MATERIAL PRODUCT	421061000003100	WID NITRATE NO 1 POWDER 50 TABLETS	Nitrate Measurement Powder Reagent, 50 Pcs	×
TOTAL OF TRANSPORT	421061000003200	WID NITRATE NO 2 POWDER 50 TABLETS	Nitrate Measurement Additional Powder Reagent, 50 Pcs	X
MATERIAL PROPERTY.	421061000003300	WID NITRITE LR POWDER 50 TABLETS	Nitrite Measurement Powder Reagent, 50 Pcs	×
MATERIAL PROPERTY	421061000003400	WID PHOSPHATE LR NO 1 POWDER 50LI	Phosphate NO 1 Measurement Powder Reagent, 50 Pcs	×
	421061000003500	WID PHOSPHATE LR NO 2 50 TABLETS	Phosphate NO 2 Measurement Additional Tablet,50 Pcs	×
	421061000003600	WID SULPHATE POWDER 50 TABLETS	Sulfate Measurement Powder Reagent, 50 Pcs	X

## SUTEST POOL WATER TEST KIT TABLET

#### pH Chlorine Test Kit

- · measuring kit with pH and Chlorine tablet
- Measuring Range: Chlorine 0.1 3.0 ppm, pH 6.8 8.2
- · 20 Pcs pH Tablets 20 Pcs Free Chlorine Tablets



Stock Code Model Description

421040101020020 | SUTEST POOL WATER TEST KIT TABLET AS SERIES

Chlorine 0,1 - 3,0 Ppm, Ph 6,8 - 8,2

## **SUTEST MEASURING REAGENTS**

#### Reagents

- pH and Chlorine titrimetric measurement kits
- Measuring Range: Chlorine 0.5 10.0 ppm, pH 6.8 8.2



Stock Code Model Description

421050110000400 | SUTEST DPD1 RAPID 1000 TABLETS Ph Tablet 1.000 Pcs

421051110000300 | SUTEST DPD1 RAPID 1000 TABLETS Free Chlorine Tablet 1.000 Pcs



#### pH Chlorine Test Kit

- $\boldsymbol{\cdot}$  pH and Chlorine photometric and titrimetric measurement kits
- Measurement Range: Chlorine 0,5 10,0 ppm, pH 6,8 8,2



Stock Code	Model	Description

421061000002400 WID PHENOL RED RAPID TABLET 500 TABLETS	Rapid pH Table, 500 Pcs
421061000002200   WID PHENOL RED TABLET 500 TABLETS	Photometer Ph Tablet, 500 Pcs
421061000002300   WID DPD1 RAPID TABLET 500TABLETS	Rapid Free Chlorine Tablet, 500 Pcs
421061000002100   WID DPD1 TABLET 500 TABLETS	Photometer Free Chlorine Tablet, 500 Pcs

## LAMOTTE MEASURING REAGENTS

- pH and Chlorine titrimetric measurement kits
- Measuring Range: Chlorine 0.5 10.0 ppm, pH 6.8 8.2



Stock Code Model Description

421050110000400 LAMOTTE PHENOL RED TABLETS 1.000PCS PH TEST KIT	Ph Tablet 1.000 Pcs
421051110000300 LAMOTTE DPD11.000 TABLETS TEST KIT LAMOTTE	Free Chlorine Tablet 1.000 Pcs
421052110000500 LAMOTTE DPD3 1.000 TABLETS TEST KIT	Total Chlorine Tablet 1.000 Pcs

## WATER TEST POOL WATER TEST KIT LIQUID

#### pH Chlorine Test Kit

- pH and Chlorine titrimetric measurement kits
- Measuring Range: Chlorine 0.1 3.0 ppm, pH 6.8 8.2



Stock Code	Model	Description	Packed Weight/Kg
421040001020000   SUTEST P	OOL WATER TEST KIT LIQUID	Titrimetric Ph & Chlorine Measurement Kit	0,170
421040101020000 SUTEST P	OOL WATER TEST KIT TABLET DROP	Ph Chlorine Testkit With Tablet	0,105

## **WATER TEST ANALYSIS SETS**

#### **Analysis Sets**

· Titrimetric analysis sets



Stock Code	Model	Description	Packed Weight/Kg
421040019000010	SUTEST DIALYSIS WATER ANALYSIS SET	Chlorine : 0,1 - 3,0 Ppm Ph: 6-8 - 8,2 Hardness : 1 Drop = 1 Fr $^\circ$	0,170
421040015000010	SUTEST DRINKING WATER ANALYSIS SET	Chlorine : 0,1 - 3,0 Ppm Ph: 6-8 - 8,2 Hardness : 1 Drop = 1 Fr $^{\circ}$	0,105





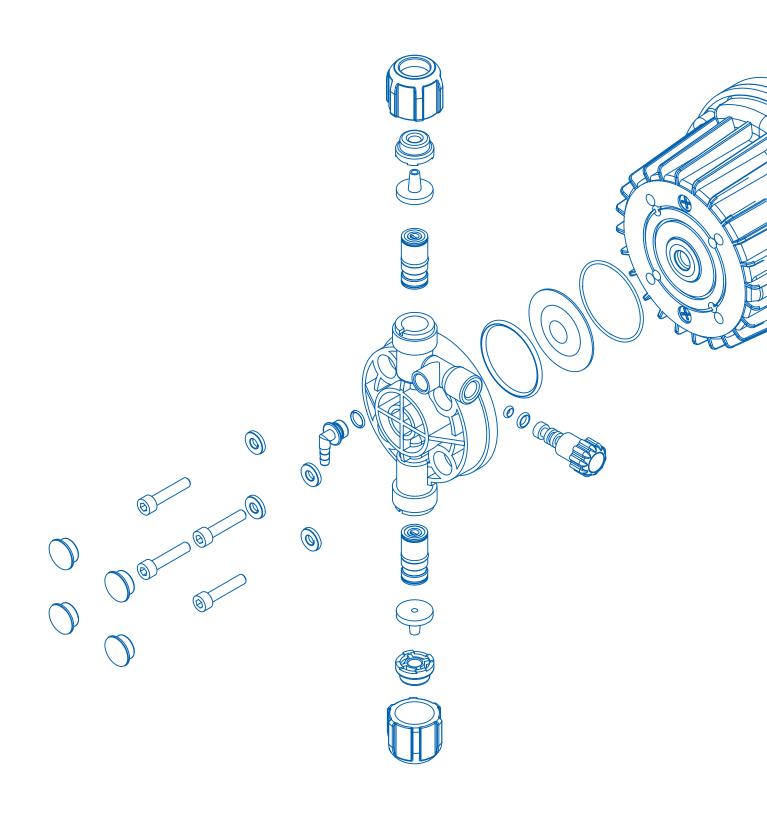
## **OTHER TEST KITS**

#### Water Test Other Test Kits

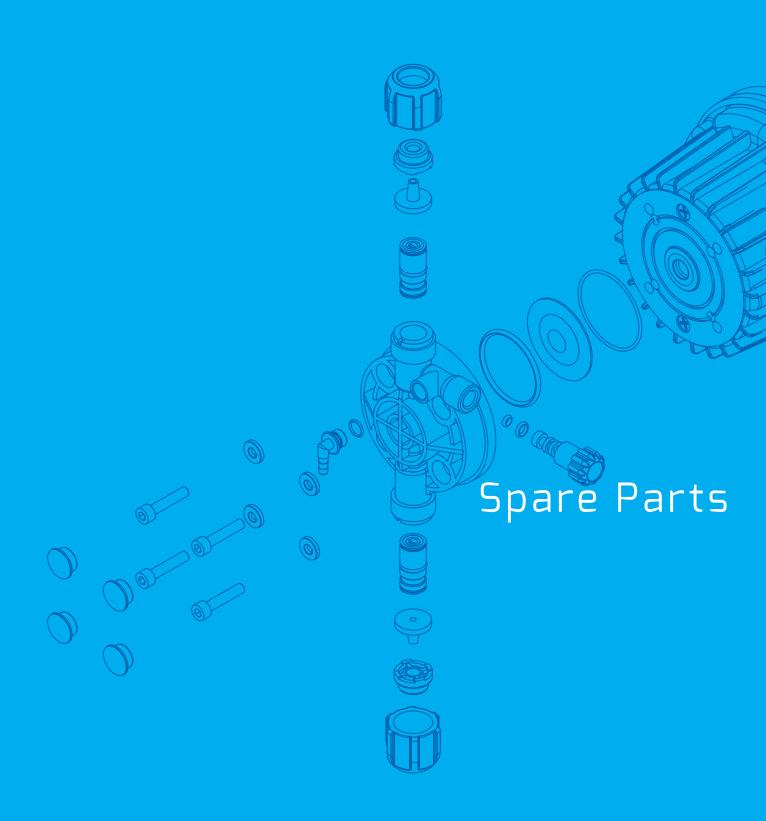
- · Free Chlorine and Total Hardness titrimetric measurement kits
- · Iron and chlorine dioxide measurement kits Sensitivity: Free Chlorine 0.1 - 3.0 ppm Sensitivity: Total Hardness 1 drop =  $1 F^{\circ} / 1 ml 100 ppm$ 75 possibility of conducting tests

Model Stock Code Description

421040002000000 SUTEST FREE CHLORINE TEST KIT O.TOLIDON DROP SERIES	0,1 Ppm - 3,0 Ppm
421040102000000 SUTEST FREE CHLORINE TEST KIT TABLET DROP SERIES	0,1 Ppm - 3,0 Ppm
421040005000000 SUTEST TOTAL HARDNESS TEST KIT DROP SERIES	1 Drop - 1 Freech* 1 Drop-1 German
421040004000000 SUTEST TOTAL IRON TEST KIT DROP SERIES	0,5 Ppm - 10 Ppm
421040007000000 SUTEST CHLORINE DIOXIDE TEST KIT DROP SERIES	0,1 Ppm - 3,0 Ppm
421040021000010 SUTEST SILICATE TEST KIT DROP SERIES	0,5 Ppm - 8,0 Ppm
421040018000010 SUTEST CYANURIC ACID TEST KIT DROP SERIES	30 Ppm - 100 Ppm
421040020000010 SUTEST SULFATE TEST KIT DROP SERIES	50 Ppm - 200 Ppm
421040014000000 SUTEST ALKALINITY TEST KIT DROP SERIES	1 Drop - 50 Ppm
421040017000010 SUTEST AMMONIUM TEST KIT DROP SERIES	0.5 Ppm - 10 Ppm
421040008000100 SUTEST CHLORINE PH TEST KIT LIQUID DROP SERIES	Klor: 0,1-3,0 Ppm Ph: 6,8-8,2
421040006000000 SUTEST NITRATE TEST KIT DROP SERIES	1 Ppm - 10 Ppm
421049022000020 SUTEST NITRATE TEST KIT HR DROP SERIES	1 Drop = 25 Ppm
421049022000010 SUTEST NITRATE TEST KIT LR DROP SERIES	0,1 Ppm - 3 Ppm
421040001000020 SUTEST PH TEST KIT LIQUID DROP SERIES	6,8 Ph - 8,2 Ph
421040011000010 SUTEST CHLORIDE TEST KIT DROP SERIES	1 Drop = 30 Ppm
421040023000010 SUTEST COPPER KIT DROP SERIES	0.05 Ppm - 1 Ppm
421049023000010 SUTEST PHOSPHATE TEST KIT LR DROP SERIES	0,5 Ppm - 30 Ppm



12 Spare Parts



# Spare Parts Spare Parts

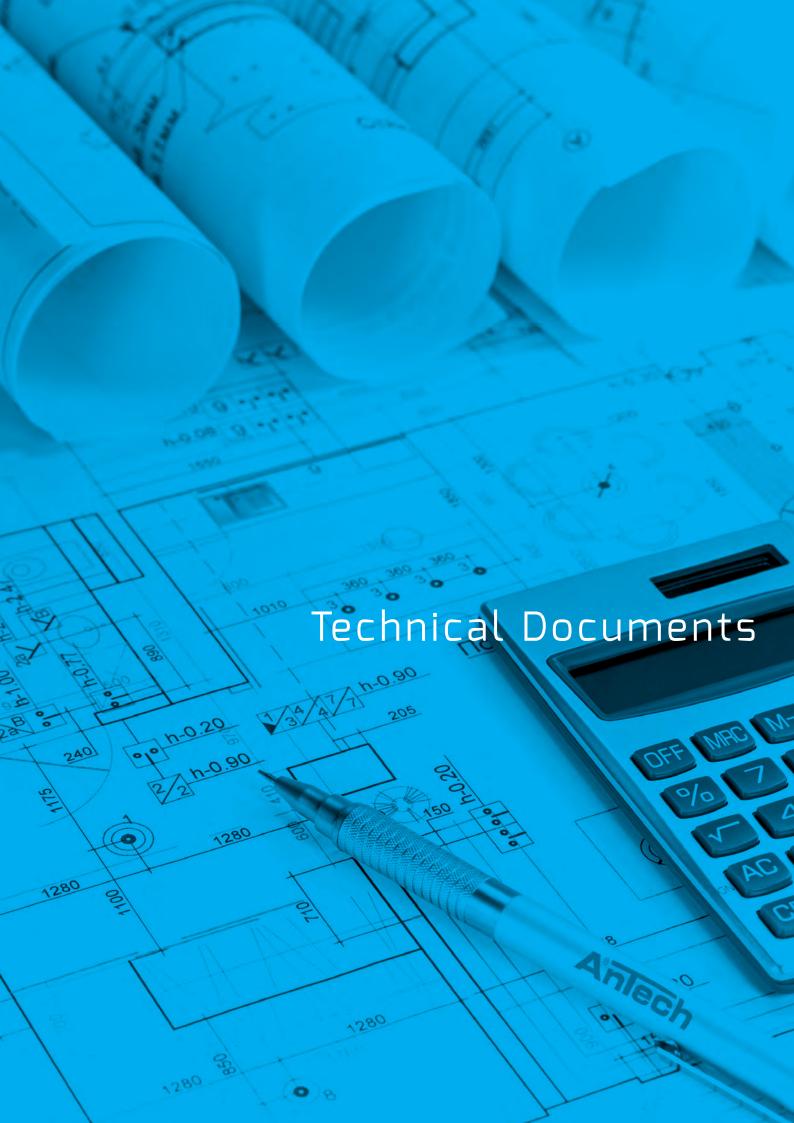
	Stock Code	Stock Name	Description
	600110200131000	YP KAFA TAKIMI 40V ECO	Spare Part
	600110200431000	YP KAFA TAKIMI 40E ECO	Spare Part
	600501010400000	YP PUMP HEAD SET 40V	Spare Part
	600501020400000	YP PUMP HEAD SET 40E	Spare Part
	600501030400000	YP HEAD SET 40 VPTFE	Spare Part
	600501010500000	YP PUMP HEAD SET 50V	Spare Part
	600501020500000	YP PUMP HEAD SET 50E	Spare Part
	600501030500000	YP HEAD SET 50 VPTFE	Spare Part
	600501010700000	YP HEAD SET 70V	Spare Part
	600501020700000	YP HEAD SET 70E	Spare Part
	600501030700000	YP HEAD SET 70 VPTFE	Spare Part
	600502010010000	YP HEAD SET EMD P VPPS	Spare Part
	600502010020000	YP HEAD SET EMD P VPP316	Spare Part
	600502010030000	YP HEAD SET EMD P VPVCS	Spare Part
	600502010040000	YP HEAD SET EMD P VSS316	Spare Part
	600502010050000	YP HEAD SET EMD P VPFS	Spare Part
	600503010010000	YP HEAD SET EMD M 1 VPCP	Spare Part
	600503010020000	YP HEAD SET EMD M 1 VPSS	Spare Part
	600503010030000	YP HEAD SET EMD M 1 VPVCCP	Spare Part
	600503010040000	YP HEAD SET EMD M 1 VSSS	Spare Part
	600503010050000	YP HEAD SET EMD M VPFS	Spare Part
	600110200126101	PUMP HEAD EMD M 2 VPVCPX	Spare Part
	600110200127101	PUMP HEAD EMD M 2 VPVCSS	Spare Part
	600110200128101	PUMP HEAD EMD M 2 VPVDFPX	Spare Part
	600110200124101	PUMP HEAD EMD M 2 VSSS	Spare Part
	600110200126201	PUMP HEAD EMD M 3 VPVCPX	Spare Part
	600110200127201	PUMP HEAD EMD M 3 VPVCSS	Spare Part
	600110200128201	PUMP HEAD EMD M 3 VPVDFPX	Spare Part
		YP INJECTION SET 4X6 V	Spare Part For Dosing Pump
		YP INJECTION SET 4X6 E	Spare Part For Dosing Pump
	1	YP INJECTION SET 4X6 P	Spare Part For Dosing Pump
	1	YP INJECTION SET 4X6 EP	Spare Part For Dosing Pump
	1	INJECTION SET METAL 4X6 E ASPENDOSE	Spare Part For Dosing Pump
1	600110700211100	INJECTION SET METAL 4X6 V ASPENDOSE	Spare Part For Dosing Pump
	1	INJECTION SET 4X7 P	Spare Part For Dosing Pump
		INJECTION SET 9X12 P	Spare Part For Dosing Pump
	1	INJECTION SET 9X12 V	Spare Part For Dosing Pump
		INJECTION SET 9X12 VP-PTFE	Spare Part For Dosing Pump
	1	INJECTION SET_EMD_20MM PV	Spare Part For Dosing Pump
		INJECTION SET EMD 20MM PVC	Spare Part For Dosing Pump
	600110700143000	INJECTION SET EMD 20MM PVDF	Spare Part For Dosing Pump

	Stock Code	Stock Name	Description
	600508010111000	YP SUCTION SET 4X6 V	Spare Part For Dosing Pump
	600508010121000	YP SUCTION SET 4X6 VS	Spare Part For Dosing Pump
	600508020111000	YP SUCTION SET 4X6 E	Spare Part For Dosing Pump
	600508020121000	YP SUCTION SET 4X6 ES	Spare Part For Dosing Pump
	600508030111000	YP SUCTION SET 4X6 P	Spare Part For Dosing Pump
10	600508030121000	SUCTION SET 4X6 PS	Spare Part For Dosing Pump
	600508040111000	YP SUCTION SET 4X6 EP	Spare Part For Dosing Pump
	600508040121000	YP SUCTION SET 4X6 EPS	Spare Part For Dosing Pump
	600110800530000	SUCTION SET 9X12 P	Spare Part For Dosing Pump
	600110800531000	SUCTION SET 9X12 PS	Spare Part For Dosing Pump
	600110800510000	SUCTION SET 9X12 V	Spare Part For Dosing Pump
	600110800581000	SUCTION SET 9X12 VPS-PTFE	Spare Part For Dosing Pump
	600110800511000	SUCTION SET 9X12 VS	Spare Part For Dosing Pump
	600110800410000	SUCTION SET EMD 20MM PP	Spare Part For Dosing Pump
	600110800410100	SUCTION SET EMD 20MM PVC	Spare Part For Dosing Pump
	600110800410200	SUCTION SET EMD 20MM PVDF PVC	Spare Part For Dosing Pump
	600521010210100	YP ASPENDOSE INJECTION & SUCTION SET A	Spare Part For Dosing Pump
	600521010220100	YP ASPENDOSE INJECTION & SUCTION SET D	Spare Part For Dosing Pump
	600521010230100	YP ASPENDOSE INJECTION & SUCTION SET R	Spare Part For Dosing Pump
<b>6</b> 1 10	600505020001000	YP ASPENDOSE TUBE SET A-D	Spare Part
<b>6</b> 1 10	600505030002000	YP ASPENDOSE TUBE SET R	Spare Part
<b>6</b> 1 10	600521010320110	YP ASPENDOSEHOSE R 2X4	Spare Part
	600511010120100	YP CHECK VALVE SET 4050 VITON	Spare Part For Dosing Pump
	600511020120100	YP CHECK VALVE SET 4050 EPDM	Spare Part For Dosing Pump
	600511030120102	CHECKVALVE SET 4050 V-PTFE	Spare Part For Dosing Pump
	600511010110100	YP CHECKVALVE SET 70 V 1	Spare Part For Dosing Pump
	600511020110100	YP CHECK VALVE SET 70 E	Spare Part For Dosing Pump
	600511030110100	YP CHECK VALVE SET 70 V-PTFE	Spare Part For Dosing Pump
	600112822010000	CHECK VALVE SET P VPCP LOWER	Checkvalve Set
	600112822011000	CHECKVALVE SET P VPCP UP	Checkvalve Set
	600112822000000	CHECK VALVE SET P VPSS LOWER	Checkvalve Set
	600112822001000	CHECLVALVE P VPSS UP	Checkvalve Set
	600112821010000	CHECK VALVE SET M VPCP LOWER	Checkvalve Set
	600112821011000	CHECK VALVE SET M VPCP UPPER	Checkvalve Set
	600112821000000	CHECK VALVE SET M VPSS LOWER	Checkvalve Set
	600112821001000	CHECK VALVE SET M VPSS UPPER	Checkvalve Set
	600112821010010	CHECK VALVE SET M VPPXP LOWER	Checkvalve Set
	600112821011010	CHECK VALVE SET M VPPXP UPPER	Checkvalve Set
	600112821040000	CHECK VALVE M VPVCCP LOWER	Checkvalve Set
	600112821041000	CHECK VALVE M VPVCCP UPPER	Checkvalve Set

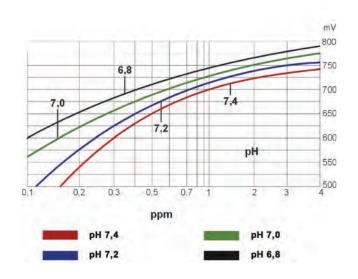
	Stock Code	Stock Name	Description
	600112821030010	CHECK VALVE SET M VPVDFPXP LOWER	Checkvalve Set
	600112821031010	CHECK VALVE SET M VPVDFPXP UPPER	Checkvalve Set
	600112821020000	CHECK VALVE SET M VSSS LOWER	Checkvalve Set
	600112821021000	CHECK VALVE SET M VSSS UPPER	Checkvalve Set
	600112821050010	CHECK VALVE SET M 11/8 VPVCPX YL LOWER	Checkvalve Set
	600112821051010	CHECK VALVE SET M 11/8 VPVCPX YL UPPER	Checkvalve Set
	600112821050000	CHECK VALVE SET M 11/8 VPVCSS YL LOWER	Checkvalve Set
	600112821051000	CHECK VALVE SET M 11/8 VPVCSS YL UPPER	Checkvalve Set
	600112821050020	CHECKVALVE M 11/8" VPVDFPX YL BOTTOM	Checkvalve Set
	600112821051020	CHECKVALVE M 11/8" VPVDFPX YL UPPER	Checkvalve Set
	600112002100000	DIAPHRAGM 66MM EMD P	Diaphragm
	600112002200000	DIAPHRAGM 110MM EMD M	Diaphragm
	600112002300000	DIAPHRAGM 120MM EMD M	Diaphragm
	600112002400000	DIAPHRAGM 140MM EMD M	Diaphragm
	500010012100220	GLAND COVER 2 PVDF	Spare Part Gland Cover 2 Pvdf
	500010006112000	HOSE TIGHTENER 4X6 PVDF	Hose Tightener
	500010005112000	HOSE END PIPE 4X6 PVDF	Hose End Pipe
	500010012100230	GLAND COVER 2 PVDF GREY	Spare Part Gland Cover 2 Pvdf
	500010006113000	HOSE TIGHTENER 4X6 PVDF GREY	Hose Tightener
	500010005113000	HOSE END PIPE 4X6 PVDF GREY	Hose End Pipe
	500010012200320	GLAND COVER 3/4 16MM PVDF	Spare Part Gland Cover 3/4 16Mm Pvdf
	500010005132000	HOSE END PIPE 9X12 PVDF	Hose End Pipe
	500010006132000	HOSE TIGHTENER 9X12 PVDF	Hose Tightener
	600110600200000	GLAND SET 4X6	Spare Part
	600110600300000	GLAND SET 6X8	Spare Part
	410190021100001	ELECTRODE FIXIN GLAND 1/2-12MM PP	ELECTRODE FIXING GLAND
	600522010100100	YP VALVE 1/2 - 1/2	Valve For Electrode Housings
H\$4	600522010200100	YP VALVE 1/2 - EASY CONNECT	Valve For Electrode Housings
nda de	600113530000100	VALVE FITTING - FITTING	Valve For Electrode Housings
	500010029103100	DIRT HOLDER FILTER 1 ELECTRODE HOUSING	Spare Part For Electrode Housings
	500010029103105	DIRT HOLDER FILTER 2 ELECTRODE HOUSING	Spare Part For Electrode Housings
	600112410020000	FLOW CELL SINGLE ELEC. WITH FILTER	Flow Cell With Dual Inputs For 12 Mm Sensors.
	704104501000000	WASHABLE CARTIDGE FILTER 280 MICRON SS 316	Cartidge Filter

Stock Code	Stock Name		Description
704101100040060 HOSE PE 4	(6	Hose	
704101110040060 HOSE PVC	4X6	Hose	
704101100040070 HOSE PE 4	(7	Hose	
704101100060080 HOSE PE 6	(8	Hose	
704101100090120 HOSE PE 92	(12	Hose	
704101110090120 HOSE PVC 9	9X12	Hose	

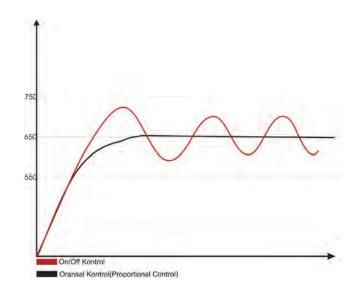
13 Technical Documents



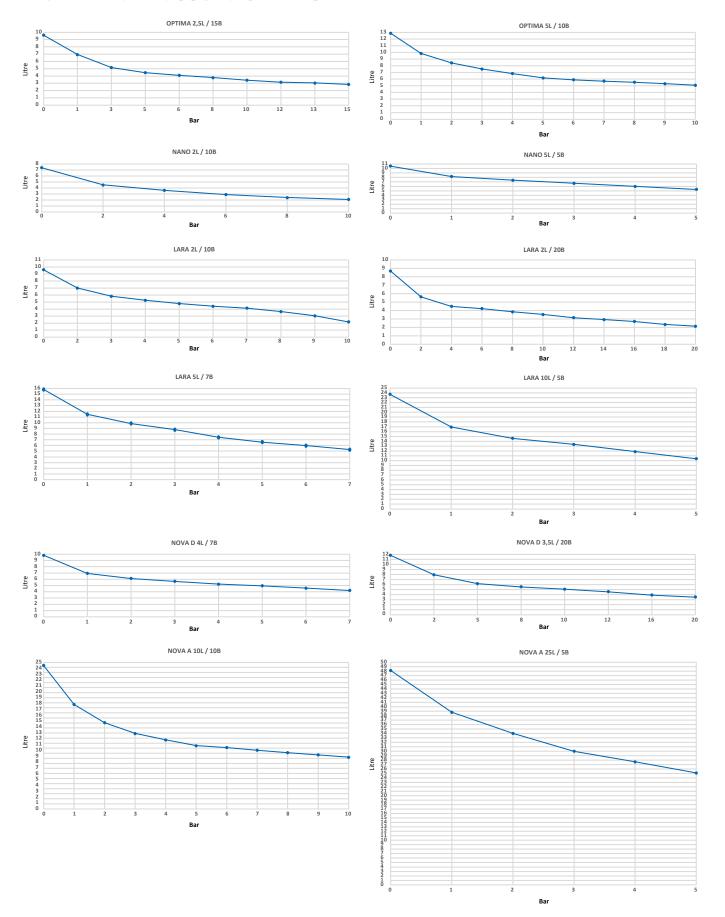
## **ORP ELECTRODE OPERATION CHART**



## PROPORTIONAL CONTROL CHART

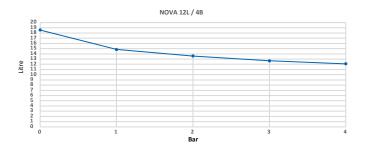


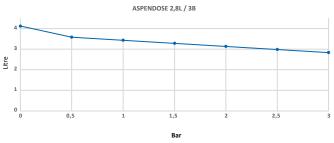
## **FLOW RATE PRESSURE CHARTS**



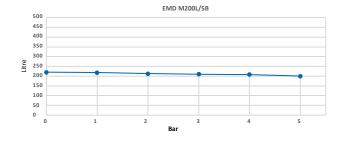
## Technical Documents Graphics

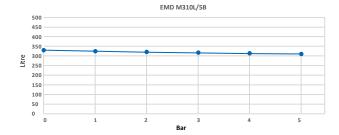
## **FLOW RATE PRESSURE CHARTS**

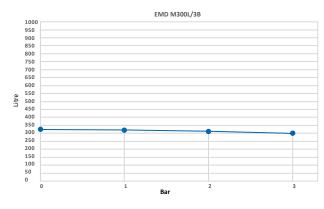


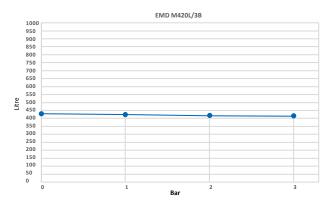


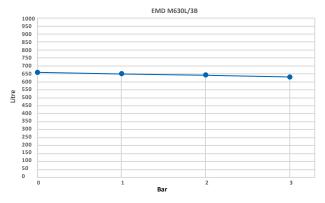




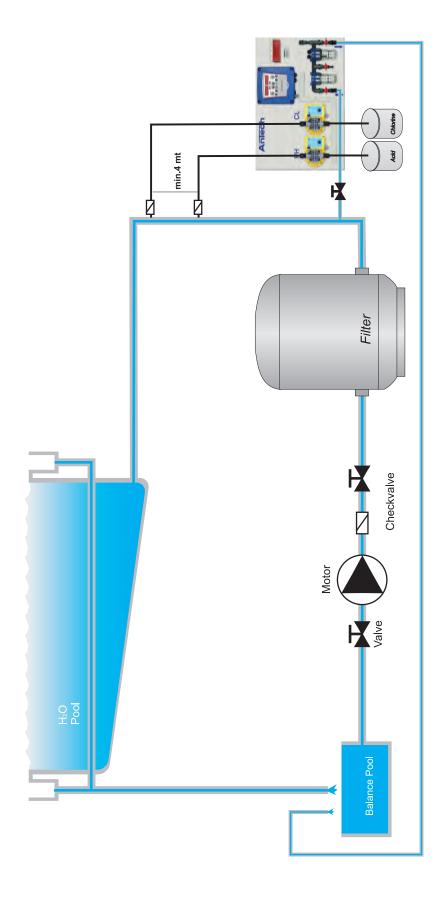








## POOL CONTROL SYSTEM CONNECTION DIAGRAM



## Technical Documents Chemical Resistance List

## **CHEMICAL RESISTANCE LIST**

Chemical	Formula	Glass	PVDF	PP	PVC	SS316	РММА	Hastelloy	PTFE	FPM	EPDM	NBR	PE	Norprene	Slicone
Acetic ACid. Max 75%	СНЗСООН	2	1	1	1	1	3	1	1	3	1	3	1	3	1
Aluminium Sulphate	Al2(504)3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Amines	R-NH2	1	2	2	3	1		1	1	3	2	4	1		
Calcium Hydroxide	Ca (OH)2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calcium Hypochlorite	Ca(OCI)2	1	1	1	1	3	1	1	1	1	1	3	1	2	2
Copper sulphate	Cu504	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ferric chloride	FeCl3	1	1	1	1	3	1	1	1	1	1	1	1	1	2
Hydrofluoric Acid 40%	HF	3	1	1	2	3	3	2	1	1	3	3	1	3	3
Hydrochloric Acid	HCI	1	1	1	1	3	1	1	1	1	3	3	1	2	2
Hydrogen Peroxide 30%	H2O2	1	1	1	1	1	3	1	1	1	2	3	1	2	1
Nitric Acid 65%	HN03	1	1	2	3	2	3	1	1	1	3	3	2	3	3
Phosphoric Acid 50%	H2SO4	1	1	1	1	2	1	1	1	1	1	3	1	2	1
Potassium Permangate 10%	KMn03	1	1	1	1	1	1	1	1	1	1	3	1		
Sodium Bisulphate	NaH503	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Sodium Carbonate	Na2CO3	2	1	1	1	1	1	1	1	2	1	1	1	1	1
Sodium Hydroxide	NaOH	2	1	1	1	1	1	1	1	2	1	2	1	1	2
Sodium Hypochlorite %12.5	NaOCl+NaCl	1	1	2	1	3	1	1	1	1	1	2	1	1	2
Sulfuric Acid %85	H2SO4	1	1	1	1	2	3	1	1	1	3	3	1	3	3
Sulphuric Acid- 93.5%	H2S04	1	1	3	3	3	3	1	1	1	3	3	3	3	3

1 Resistant

2 Fairly Resistant

3 Not Resistant





