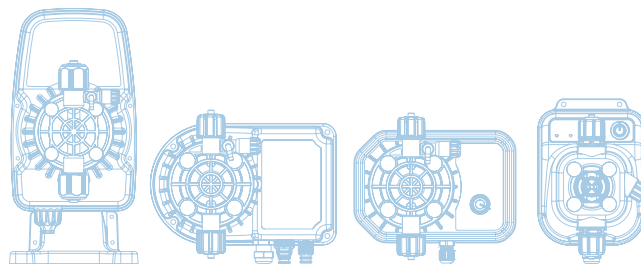


Electromagnetic Dosing Pumps

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.



Electromagnetic Dosing Pumps



Dosing Pumps

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 Series
Nova Series

Electromagnetic Dosing Pumps

Nova Series



NOVA A










Analog Liquid Level Controlled & 1/10 Adjustable Dosing Pump

- Adjustable stroke rate via the potentiometer. (Image 1)
- 95- 260 VAC working range and solenoid driven technology that can do automatic adaptation accordingly to line voltage.
- Low energy consumption.
- Easy and flexible installation and usage by the vertical mount design and alternative mounting advantage by base fixing bracket. (Image 2)
- High resistance to corrosive chemicals with the PVDF Pump Head and entire IP65 body.
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm.
- Lesser Maintenance by ceramic ball design
- Suction and injection parts included
- Easy disassemble cable socket
- Double Liquid Level Control input
- 1/10 Adjustment button (Image 3)

Stock Code	Model	L/h	Max. Counter Pressure/Bar	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.

Spare Parts - Options

	Stock Code	Stock Name	Description	Package Included
	600110800131000	SUCTION KIT 4X6 PS	Pvdf Suction Set With 4X6 mm Connection And Level Sensor With Viton O-ring. For 3.5L/20B And 10L/10B Models	✓
	600110700323000	INJECTION SET 4X7 P	Pvdf Injection Set With 4X7 mm Connection With Viton O-ring. 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	✓
	600110800531000	SUCTION KIT 9X12 PS	Pvdf Suction Set With 9X12 mm Connection And Level Sensor With Viton O-ring. For 25L/5B Models	✓
	600110700343000	INJECTION SET 9x12 P	Pvdf Injection Set With 9X12 mm Connection With Viton O-ring. For 25L/5B Models	✓
	600110500120000	HOSE SET V 9x12	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 25L/5B Models	✓
	600110400700000	MOUNTING SET DP NOVA	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	500010079100010	BASE FIXING BRACKET DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	✓
	600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 3.5L/20B And 10L/10B Models (Optional)	✗

NOVA D

Digital Liquid Level, Flow Controlled Volumetric Dosing Pump


- LCD screen and user friendly button technology, rapid shortcut for air intake mode.
- 95- 260 VAC working range and solenoid driven technology that can do automatic adaptation accordingly to voltage.
- Less maintenance by Zirconium Ball and Long-Life Teflon (PTFE) diaphragm.
- Manual or Real time operating choice.
- Operating with signal ratio and signal input with water meter and flow meters.,
- Controlled operation with analog input 4-20 mA/ 20-4 mA/ 0-20 mA/ 20-0 mA
- Able to work with volumetric ppm operating system,
- Able to work with periodic operating system and trigger operating system
- Capacity unit options (L / h - Hit / Minute - Beat / Hour -%)
- Chemical and water level sensor inputs and flow sensor input
- Capacity calibration, Operation limiting function, Knock feedback adjustment
- ModBus RTU (RS485) communication input, Alarm notification and alarm output,
- Password Protection, PT100 sensor input



Stock Code	Model	L/h	Max. Counter Pressure/Bar	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.

Spare Parts - Options

	Stock Code	Stock Name	Description	Package Included
	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	✓
	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	✓
	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	✓
	600110500120000	HOSE SET V 9x12	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 25L/5B Models	✓
	600110400700000	MOUNTING SET DP NOVA	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	500010079100010	BASE FIXING BRACKET DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models	✓
	610103050000002	CABLE SET SIGNAL EXTERNAL DP NOVA	Plug-in Cable Set For Digital And Analog input-Output. For All Models	✗
	510011087010000	ELECTRONIC CARD MODUL DP NOVA COMM V1.0	Additional Module For Modbus Rtu (Rs485) Communication For All Models	✗
	600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 3.5L/20B And 10L/10B Models (Optional)	✗

Electromagnetic Dosing Pumps

Nova Series



NOVA DMPR

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

- LCD screen and user friendly button technology, rapid shortcut for air intake mode.
- 95- 260 VAC working range and solenoid driven technology that can do automatic adaptation accordingly to voltage.
- Less maintenance by Zirconium Ball and Long-Life Teflon (PTFE) diaphragm.
- Proportional working by Ph or Orp measurement, Sensor calibration
- Traceability of measured values with 4-20 mA output.
- Manuel or real timed operation
- Signal input and signal proportional operation with water meters and flowmeters
- Controlled operation with analog input 4-20 mA/ 20-4 mA/ 0-20 mA/ 20-0 mA Able to work with volumetric ppm operating system,
- Able to work with periodic operating system and trigger operating system
- Chemical and water level sensor inputs and flow sensor input, PT100 sensor input
- Capacity calibration, Operation limiting function, Knock feedback adjustment
- Alarm notification and alarm output, ModBus RTU (RS485) communication input

Stock Code	Model	L/h	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	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.

* See page 17 for other auxiliary equipment.

Spare Parts - Options

	Stock Code	Stock Name	Description	Package Included
	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	✓
	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	✓
	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	✓
	600110500120000	HOSE SET V 9x12	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections. For 25L/5B Models	✓
	600110400700000	MOUNTING SET DP NOVA	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	500010079100010	BASE FIXING BRACKET DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	✓
	610103050000002	CABLE SET SIGNAL EXTERNAL DP NOVA	Plug-in Cable Set For Digital And Analog input-Output. For All Models.	✗
	510011087010000	ELECTRONIC CARD MODUL DP NOVA COMM V1.0	Additional Module For Modbus Rtu (Rs485) Communication For All Models	✗
	600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 3.5L/20B And 10L/10B Models (Optional)	✗

NOVA DMiA

Digital FCL / Selective Sensor & Liquid Level, Flow Controlled Dosing Pump

- LCD screen and user friendly button technology, rapid shortcut for air intake mode. Password production
- 95- 260 VAC working range and solenoid driven technology that can do automatic adaptation accordingly to voltage.
- Less maintenance by Zirconium Ball and Long-Life Teflon (PTFE) diaphragm.
- Proportional working according to Ampermetric Free Chlorine measurement, Sensor calibration
- Proportional working based on Free Chlorine, Chlorine Dioxide, Hydrogen Peroxide, Peracetic Acid sensors
- Traceability of measured values with 4-20 mA output.
- Manuel or real timed operation
- Signal input and signal proportional operation with water meters and flowmeters
- Controlled operation with analog input 4-20 mA/ 20-4 mA/ 0-20 mA/ 20-0 mA able to work
- Volumetric ppm operating system,
- Able to work with periodic operating system and trigger operating system
- Chemical and water level sensor inputs and flow sensor input, (Image 2) PT100 sensor input
- Capacity calibration, Operation limiting function, Stroke feedback adjustment
- Alarm notification and alarm output, ModBus RTU (RS485) communication input




Stock Code	Model	L/h	Max. Counter Pressure/Bar	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.

*. See page 10 for other auxiliary equipment.

Spare Parts - Options

	Stock Code	Stock Name	Description	Package Included
	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	✓
	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	✓
	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	✓
	600110500120000	HOSE SET V 9x12	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections. For 25L/5B Models	✓
	600110400700000	MOUNTING SET DP NOVA	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	500010079100010	BASE FIXING BRACKET DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	✓
	610103050000002	CABLE SET SIGNAL EXTERNAL DP NOVA	Plug-in Cable Set For Digital And Analog input-Output. For All Models.	✗
	510011087010000	ELECTRONIC CARD MODUL DP NOVA COMM V1.0	Additional Module For Modbus Rtu (Rs485) Communication For All Models	✗
	600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 3.5L/20B And 10L/10B Models (Optional)	✗

Electromagnetic Dosing Pumps

Nova Series

AUXILIARY EQUIPMENT FOR NOVA SERIES

Stock Code	Model	Picture and Description	
70442100000014	ELECTRODE FCL/O 5 PPM SELECTIVE		0-5 Ppm Selective Free Chlorine Sensor
70442100000013	ELECTRODE FCL/O 2 PPM SELECTIVE		0-2 Ppm Selective Free Chlorine Sensor
70442100000016	ELECTRODE CLO2/O 10 PPM SELECTIVE		0-10 Ppm Selective Chlorine Dioxide Sensor
70442100000018	ELECTRODE H2O2/O 500 PPM SELECTIVE		0-500 Ppm Selective Hydrogen Peroxide Sensor.
60051001011000	AMPEROMETRIC FREE CHLORINE CELL		0-10 Ppm Amperometric Free Chlorine Electrode (Cu-Pt)
600112521000250	ELECTRODE HOUSING 2-25MM		Flow Housing With Selective Electrode input.
600110400500010	MOUNTING SET FOR ELECTRODE HOUSING 2		Connection Parts For Selective Electrode Input Housing.
600112510030000	ELECTRODE HOUSING SET 15L		Housing With Selective Electrode input. With Dirt Trap Pre Filter-Ed And Sampling Valve.
600110400100000	MOUNTING SET FOR SYSTEM		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

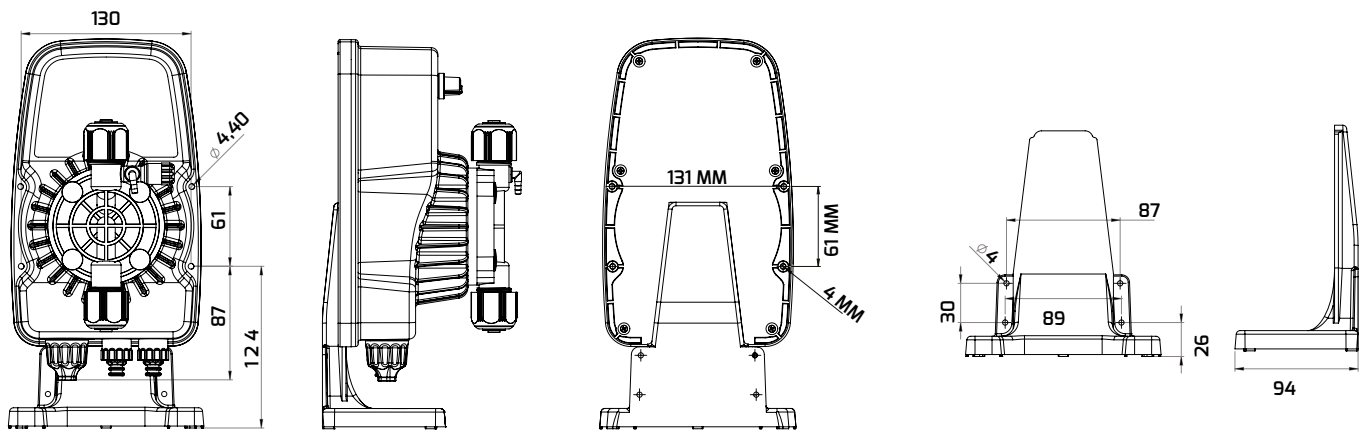
The sensors and holders in the above table are valid for the Nova DMIA series.

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

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
A	10L/10B	10	10	300	0,556	4x6	4x7	95-260V AC 50-60 HZ	25	2,9	65	For Ambient: 0-45 Chemical: 0-40
		13	8		0,722							
		15	5		0,833							
		20	2		1,111							
D	3,5L/20B	3,5	20	150	0,389	4x6	4x7		15			
		4	16		0,444							
		5	10		0,556							
		8,5	2		0,944							
DMiA	25L/5B	25	5	300	1,389	9x12	9x12		27			
		30	3		1,667							
		40	1		2,222							
		55	0,1		3,056							



DP NOVA A

10L/10B

VACFAT

Code	Description
A	Analog, Fluid Level Controlled, 1/10 & 1/100 Precision Adjustable Dosing Pump
D	Digital, Fluid Level - Flow Controlled & Volumetric Dosing Pump
DMPR	Digital, PH/ORP Measured & Liquid Level - Flow Controlled Dosing Pump
DMiA	Digital, Free Chlorine Measurement, Liquid Level-Flow Control & Volumetric Dosing Pump

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	O-Rings	Injection Hose	Suction-Air Bleed Hose	Bleeding Output
V	PVDF	PVDF	Viton	PE	PVC	Manual
E	PVDF	PVDF	EPDM	PE	PVC	Manual
O-V	PVDF	PVDF	Viton	PE	PVC	*Automatic

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





Lara Series
Lara Series

Electromagnetic Dosing Pumps

Lara Series



LARA A








Analog Dosing Pumps

- Adjustable stroke rate via the potentiometer on the device
- On/Off Button
- Easy and flexible installation and usage by the vertical mount design
- High resistance to corrosive chemicals with the PVDF Pump Head and entire IP65 body
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm
- Lesser Maintenance by ceramic ball design
- Suction and injection parts included

Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	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.

Spare Parts - Options

	Stock Code	Stock Name	Description	Included in Package
	600110800110000	SUCTION SET 4X6 V	Pp Suction Set With 4X6 mm Connection With Viton Oring. For All Models	✓
	600110700311000	INJECTION SET 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	✓
	600110500100000	HOSE SET V	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	✓
	600110700321000	INJECTION SET 4X7 V	Pp Injection Set With 4X7 mm Connection With Viton Orign For 2L/20B Models.	✓
	600110500110000	HOSE SET V 4X7	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models.	✓
	600110400200000	MOUNTING SET FOR DP	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 2L/20B Model	✗

*: For models with PVDF kits. Indicate during your order

LARA APS

Analog Liquid Level Controlled & 1/10 Adjustable Dosing Pump








- Adjustable stroke rate via the potentiometer on the device
- Liquid level control and 1/10 adjustment button
- Easy and flexible installation and usage by the vertical mount design
- High resistance to corrosive chemicals with the PVDF
- Pump Head and entire IP65 body
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm
- Lesser Maintenance by ceramic ball design
- Suction and injection parts included



Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	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.

Spare Parts - Options

	Stock Code	Stock Name	Description	Included in Package
	600110800111000	SUCTION SET 4X6 VS	Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.	✓
	600110700311000	INJECTION SET 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	✓
	600110500100000	HOSE SET V	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	✓
	600110700321000	INJECTION SET 4X7 V	Pp Injection Set With 4X7 mm Connection With Viton Oring. For 2L/20B Models.	✓
	600110500110000	HOSE SET V 4X7	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models.	✓
	600110400200000	MOUNTING SET FOR DP	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 2L/20B Models. (Optional)	✗

*: For models with PVDF kits. Indicate during your order

Electromagnetic Dosing Pumps

Lara Series



LARA DS








Digital Liquid Level 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
- 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
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.

Spare Parts - Options

	Stock Code	Stock Name	Description	Included in Package
	600110800111000	SUCTION SET 4X6 VS	Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.	✓
	600110700311000	INJECTION SET 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	✓
	600110500100000	HOSE SET V	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	✓
	600110700321000	INJECTION SET 4X7 V	Pp Injection Set With 4X7 mm Connection With Viton Orign For 2L/20B Models.	✓
	600110500110000	HOSE SET V 4X7	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models	✓
	600110400200000	MOUNTING SET FOR DP	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 2L/20B Models (Optional)	✗

*: For models with PVDF kits. Indicate during your order

LARA DMS

Digital Liquid Level Controlled & Volumetric 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. Counter Pressure/Bar	Package Sizes/cm W-L-H	Packed Weight/Kg
301602010101000	DP LARA DMS 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 DMS 10L/5B V220FAT	10	5	23 x 28 x 21	3,15
301602020101000	DP LARA 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.

Spare Parts - Options

Stock Code	Stock Name	Description	Included in Package
 600110800111000	SUCTION SET 4X6 V	Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton O-ring. For All Models.	✓
 600110700311000	INJECTION SET 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton O-ring. For 2L/10B - 5L/7B And 10L/5B Models.	✓
 600110500100000	HOSE SET V	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	✓
 600110700321000	INJECTION SET 4X7 V	Pp Injection Set With 4X7 mm Connection With Viton O-ring For 2L/20B Models.	✓
 600110500110000	HOSE SET V 4X7	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models	✓
 600110400200000	MOUNTING SET FOR DP	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
 610103050000001	CABLE SET SIGNAL EXTERNAL DP LARA CABLE SET	Cable Set With Mic Connection For Signal inputs And Alarm Output.	✓
 600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 2L/20B Models (Optional)	✗

*: For models with PVDF kits. Indicate during your order

Electromagnetic Dosing Pumps

Lara Series



LARA PR









ORP/PH & Liquid Level Controlled Digital 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 LARA PR 2L/10B V220FAT	2	10	23 x 28 x 21	3,60
301005007101000	DP LARA PR 5L/7B V220FAT	5	7	23 x 28 x 21	3,60
301010005101000	DP LARA PR 10L/5B V220FAT	10	5	23 x 28 x 21	3,60
301002020101000	DP 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

Spare Parts - Options

	Stock Code	Stock Name	Description	Included in Package
	600110800111000	SUCTION SET 4X6 VS	Pp Suction Set With 4X6 mm Connection And Level Sensor -With Viton Oring. For All Models.	✓
	600110700311000	INJECTION SET 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	✓
	600110500100000	HOSE SET V	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	✓
	600110700321000	INJECTION SET 4X7 V	Pp Injection Set With 4X7 mm Connection With Viton Oring For 2L/20B Models.	✓
	600110500110000	HOSE SET V 4X7	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/20B Models	✓
	600110400200000	MOUNTING SET FOR DP	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	610103050000001	CABLE SET SIGNAL EXTERNAL DP LARA CABLE SET	Cable Set With Mic Connection For Signal inputs And Alarm Output.	✗
	600110200100042	PUMP HEAD 40V AUTO	Viton Head set With Automatic Air Bleeding Valve For 2L/20B Models (Optional)	✗

LARA PR PROBE HOLDER SETS

Stock Code	Model	Description
410150011100001	PROBE HOLDER SET P 1 S	Electrode Ph 6M Sensor Xs + Submersible Probe Holder +Calibration Solutions Ph
410150011200001	PROBE HOLDER SET P 2 S	Electrode Ph 6M Sensor Xs + Electrode Housing 1 Filtered +Electrode Cell Mounting Set+ 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 R 1 S	Electrode Orp 6M Sensor Xs + Submersible Probe Holder + Calibration Solutions Orp
410150012200001	PROBE HOLDER SET R 2 S	Electrode Orp 6M Sensor Xs + Electrode Housing 1 Filtered + Electrode Cell Mounting Set+ Calibration Solutions
410150012300001	PROBE HOLDER SET R 3 S	Electrode Orp 6M Sensor Xs + Electrode Fixing Gland 1/2 + Calibration Solutions
410150012400001	PROBE HOLDER SET R 4 S	Electrode Orp 6M Sensor Xs + Probe Holder Hose Type + Calibration Solutions Orp
410150021100001	PROBE HOLDER SET P 1 E	Electrode Ph 6M + Submersible Probe Holder + Calibration Solutions Ph
410150021200001	PROBE HOLDER SET P 2 E	Electrode Ph 6M + Electrode Housing 1 Filtered + Electrode Cell Mounting Set+ Calibration Solutions Ph
410150021300001	PROBE HOLDER SET P 3 E	Electrode Ph 6M + 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 R 1 E	Electrode Orp 6M E + Submersible Probe Holder + C Alibration Solutions Orp
410150022200001	PROBE HOLDER SET R 2 E	Electrode Orp 6M + Electrode Housing 1 Filtered + Electrode Cell Mounting Set+ Calibration Solutions Orp
410150022300001	PROBE HOLDER SET R 3 E	Electrode Orp 6M + 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

<p>①</p>  <p>Stock Code : 410030010000000 Stock Name : SUBMERSIBLE PROBE HOLDER</p>	<p>③</p>  <p>Stock Code : 410190021100001 Stock Name : ELECTRODE FIXING GLAND 1/212MM PP</p>
<p>②</p>  <p>Stock Code : 600112511010120 Stock Name : ELECTRODE HOUSING 1 FILTERED</p>	<p>④</p>  <p>Stock Code : 410030020000000 Stock Name : PROBE HOLDER PIPE TYPE</p>

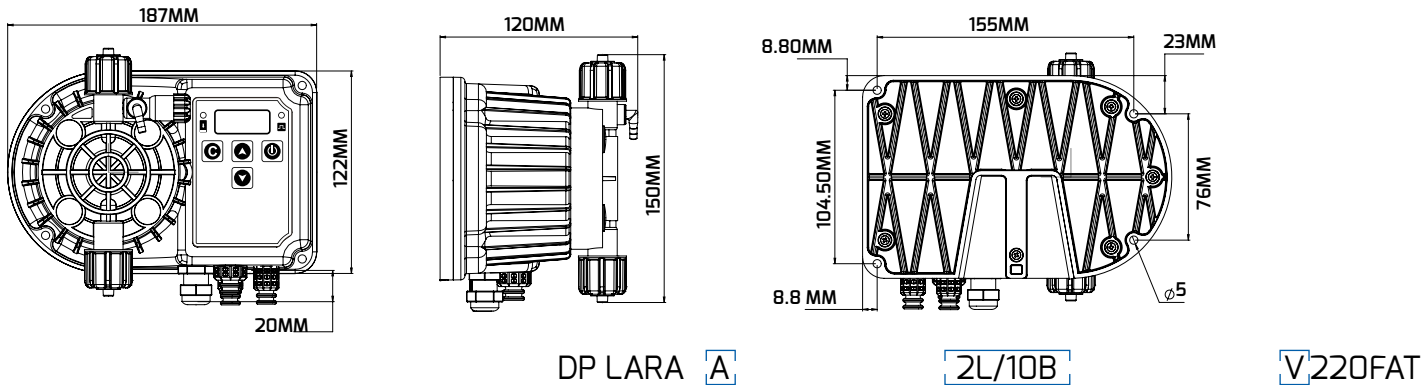
Electromagnetic Dosing Pumps

Lara Series

LARA 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
A	2L/10B	2	10	120	0,278	4x6	4x6	230V AC 50 Hz	17	2,2	65	For Ambient: 0-45 For Chemical: 0-40
APS	5L/7B	5	7	120	0,694	4x6	4x6					
DS	10L/5B	10	5	150	1,111	4x6	4x6					
DMS												
PR	2L/20B	2	20	120	0,278	4x6	4x7					

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



Code	Description
A	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

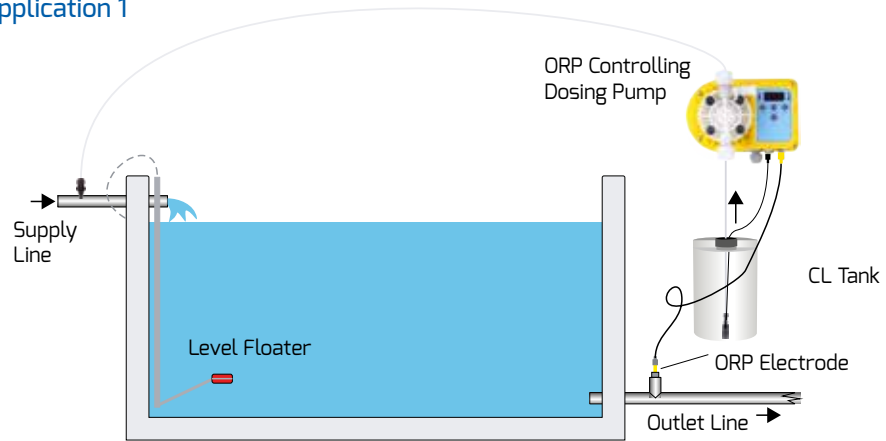
Code	Description
2L/10B	It can dose maximum 2 liters against to maximum 10 bar counter pressure.
5L/7B	It can dose maximum 5 liters against to maximum 7 bar counter pressure.
10L/5B	It can dose maximum 10 liters against to maximum 5 bar counter pressure.
2L/20B	It can dose maximum 2 liters against to maximum 20 bar counter pressure.

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

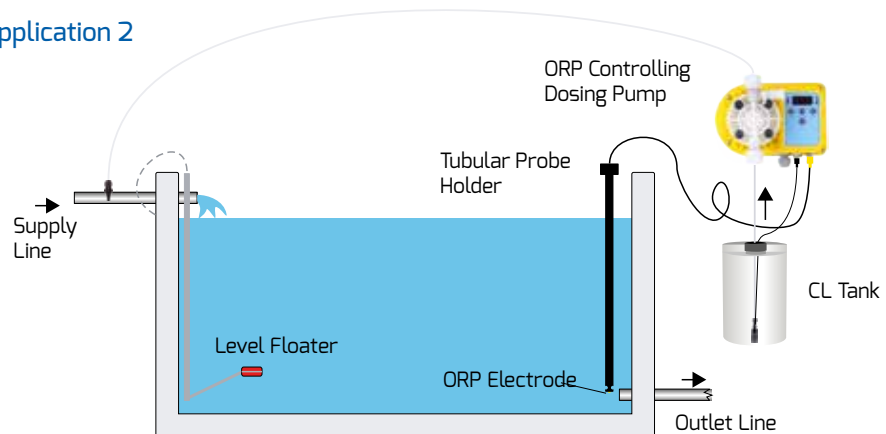
* Applies to 2L/20B capacity models.

LARA SERIES SAMPLE APPLICATIONS

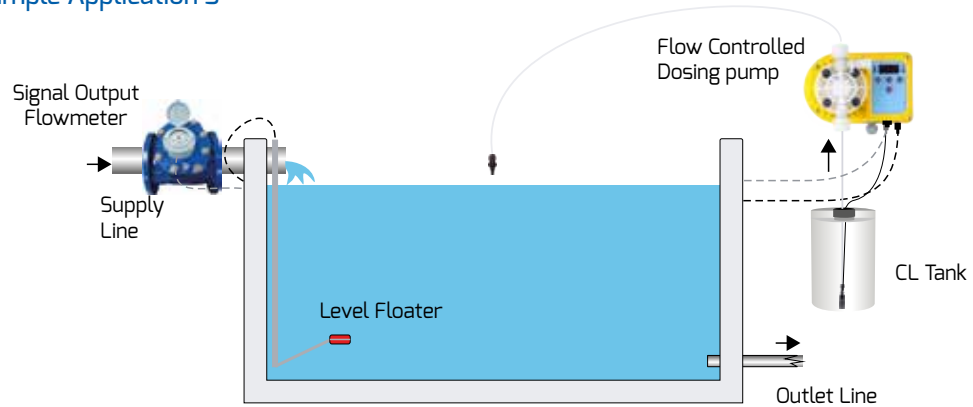
Sample Application 1



Sample Application 2



Sample Application 3







Optima Series

Optima Series

Electromagnetic Dosing Pumps

Optima Series



OPTIMA








Optima Series Analog Dosing Pumps

- Adjustable stroke rate via the potentiometer on the device
- On/Off Button
- Easy and flexible installation and usage by the vertical mount desing
- High resistance to corrosive chemicals with the PVDF Pump Head and entire IP65 body
Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm
- Lesser Maintenance by zirconium ball desing
- Suction and injection parts included
- Vertical-base installation feature with additional leg option

Stock Code	Model	Lt/H	Max. Counter Pressure/Bar	Package Sizes/cm W-L-H	Packed Weight/Kg
307105010101000	DP OPTIMA A 5L/10B V220FAT	5	10	21 x 24 x 18	3,05
307104015101000	DP OPTIMA A 2,5L/15B V220FAT	2,5	15	21 x 24 x 18	3,05
307105010301000	DP OPTIMA A 5L/10B VPTFE 220FAT	5	10	21 x 24 x 18	3,05
307104015301000	DP OPTIMA A 2,5L/15B VPTFE 220FAT	2,5	15	21 x 24 x 18	3,05

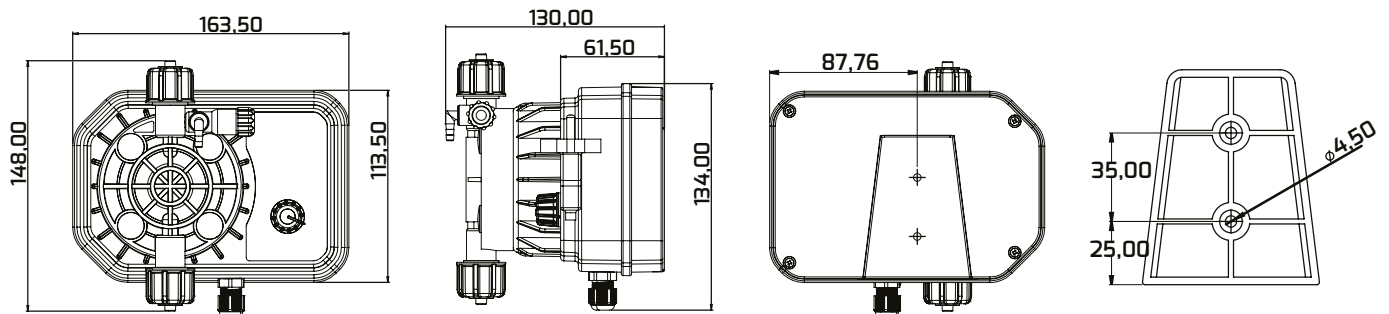
The above products and the following spare parts are standard Viton O-Ring and teflon models. Contact with us for EPDM options.

Spare Parts - Options

	Stock Code	Stock Name	Description	Included in Package
	600110800110000	SUCTION SET 4X6 V	Pp Suction Set With 4X6 mm Connection With Viton Oring. For V220 Fat Models.	✓
	600110700311000	INJECTION SET 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton Oring. For V220 Fat Models.	✓
	600110800160000	SUCTION SET4X6 VPTFE	Pp Suction Set With 4X6 mm Connection. For V-Ptfe 220 Fat Models.	✓
	600110700316000	INJECTION SET 4X6 PP BODY WITH TEFLON ORING	Pp Injection Set With 4X6 mm Connection. For V-Ptfe 220 Fat Models.	✓
	600110500100000	HOSE SET V	Viton Hose Set For Suction,Injection And Air Bleeding Valve Connections.For 2L/10B - 5L/7B And 10L/5B Models	✓
	600110400300000	MOUNTING SET FOR DP NANO	Set Of Screws And Anchors For Wall Mounting. For All Models	✓
	500010079100010	FOOT MOUNT BRACKET DP	Dosing Pump Foot Mount Bracket For Mounting A Flat Surface. For All Models.	✗

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
5L/10B	5	10	120	0,694	4x6	4x6	230 VAC 50-60 Hz	20	2,16	65	For Ambient: 0-45 For Chemical: 0-40
	6	6		0,833							
	7,5	3		1,042							
	10	1		1,458							
2,5L/15B	2,5	15	150	0,278							
	3	10		0,333							
	4	6		0,444							
	8	1		0,889							



DP OPTIMA A

5L/10B

V220FAT

Code	Description
A	Analog, On/Off Button Dosing Pump

Code	Description
5L/10B	It can dose maximum 5 liters against to maximum 10 bar counter pressure.
2,5L/15B	It can dose maximum 2,5 liters against to maximum 15 bar counter pressure.

Code	Pump Head	Suction-Injection Set	O-Rings	Injection Hose	Suction-Air Bleed Hose	Bleed Outlet
V	PVDF	PP	Viton	PE	PVC	Manual
E	PVDF	PP	EPDM	PE	PVC	Manual
VPTFE	PVDF	PP	PTFE	PE	PVC	Manual





Nano Series
Nano Series

Electromagnetic Dosing Pumps

Nano Series



NANO A





Nano Series Analog Dosing Pumps

- 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
302100505101000	DP NANO A 0,5L/5B V220FAT	0,5	5	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.

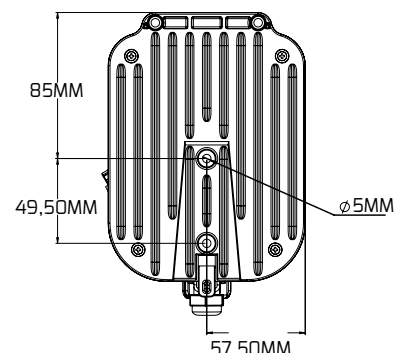
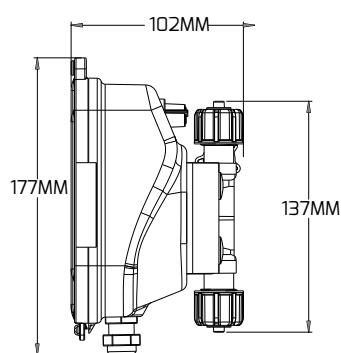
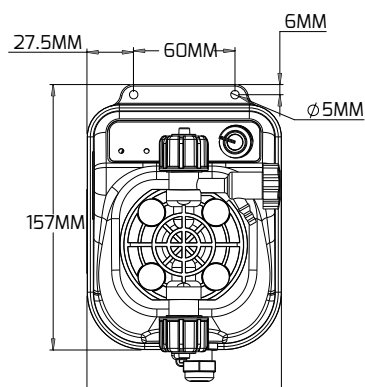
Spare Parts - Options

	Stock Code	Stock Name	Description	Included in Package
	600110800110000	SUCTION SET 4X6 V	Pp Suction Set With 4X6 mm Connection With Viton Oring. For All Models	✓
	600110700311000	INJECTION SET 4X6 V	Pp Injection Set With 4X6 mm Connection With Viton Oring. For 2L/10B - 5L/7B And 10L/5B Models.	✓
	600110500100000	HOSE SET V	Viton Hose Set For Suction, Injection And Air Bleeding Valve Connections. For 2L/10B - 5L/7B And 10L/5B Models	✓
	600110400300000	MOUNTING SET FOR DP NANO	Set Of Screws And Anchors For Wall Mounting. For All Models	✓

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
A	2L/10B	2	10	180	0,185	4x6	4x6	230 VAC 50 Hz	10	1,76	65	For Ambient: 0-45
	5L/5B	5	5	180	0,463	4x6	4x6					For Chemical: 0-40
	0,5L/5B	0,5	5	180	0,046	4x6	4x6					

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



DP NANO A

2L/10B

V220FAT

Code	Description
A	Analog Dosing Pump

Code	Description
2L/10B	It can dose maximum 2 liters against to maximum 10 bar counter pressure.
5L/5B	It can dose maximum 5 liters against to maximum 5 bar counter pressure.
0,5L/5B	It can dose maximum 0,5 liters against to maximum 5 bar counter pressure.

Code	Pump Head	Suction- Injection Set	O-Rings	Injection Hose	Suction-Air Bleed Hose	Bleed Outlet
V	PP	PP	Viton	PE	PVC	Manual
E	PP	PP	EPDM	PE	PVC	Manual



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