

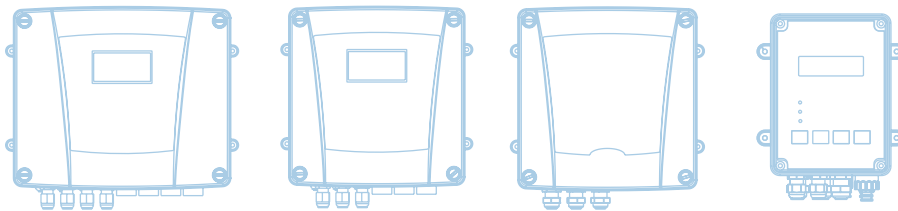
AnTech[®]

"Water Control Technologies"



Multi Parameter Measurement And Controlling Device

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.



Multi Parameter Measurement And Controlling Device



Measuring and Controlling Devices

Measuring and Controlling 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.



Omnicon Series

Omnicon Series

Multi Parameter Measurement And Controlling Device

Omnicon Series

OMNICON

Multi parameter measuring and control device

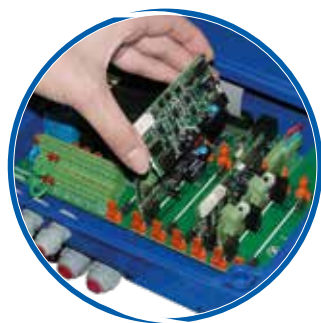
- Omnicon, thanks to its flexible structure, gives opportunity of measurement and controlling for the defined parameters according to the process by user with only a single device.
- Omnicon can do the job only by itself that two or more devices are needed in same process.
- Single parameter, 2 parameters, 3 parameters and multiparameter (up to 6 parameters) device options.
- 100-230V AC and 12 DC power supply compatible.
- Graphic LCD Screen, adjustable light, contrast and volume.
- Liquid level, flow rate, counter and external alarm inputs.
- 16-bit RISC micro controller, real time clock.
- 3 level password protection.
- 2048 number of log memory. Logs can be viewed as list and graphic.
- User friendly menu system less manual reading needed, English and Turkish optional.
- 5 different types of calibration option, automatic liquid identification and temperature compensation.
- Programmable relay outputs (Reduce, Boost, PID Reduce, PID Boost, Limit Switch, Pulse Width)
- Programmable counter input (Lt, m3 and number countable), printer, Omnicon Visio and Info Panel Connection
- Optionally adjustable 4-20mA and 0-20mA analog output by up to 4 different user
- Optionally 4 different 4-20 mA Analog output
- Optionally, device supports wide range of communication protocol.
- High resistance to corrosive chemicals and chlorine, IP65 body
- Design in accordance with IP68 in all sensors used
- Ability to operate at ambient temperatures between -10 +55 °C and relative humidity up to 95%



Multi parameter measuring and control device



Omnicon 1010 single parameter measuring and control device



Communication Protocol
(Optional)

- > RS485
- > Ethernet
- > MODBUS RTU Master
- > MODBUS RTU Slave
- > MODBUS TCP Slave
- > Printer Connection-Omnicon Web Interface



- pH
- Redox
- Conductivity
- TDS
- Residual (Free) Chlorine
- Total Chlorine
- Bound Chlorine
- Chlorine Dioxide
- Ozone
- Hydrogen peroxide
- Paracetic Acid
- Dissolved Oxygen
- Turbidity
- Humidity
- Temperature

Multi Parameter Measurement And Controlling Device

Omnicon Series

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
20101000000000	OMNICON PH	Ph measurement and controlling device	27 x 30 x 13	1,65
20100100000000	OMNICON ORP	Orp measurement and controlling device	27 x 30 x 13	1,65
20100010000000	OMNICON CON	Conductivity measurement and controlling device	27 x 30 x 13	1,65
***	OMNICON GP	General purpose measurement and Controlling device	27 x 30 x 13	1,65

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
20101100000000	OMNICON PH-ORP	Ph& orp measurement and controlling device	27 x 30 x 13	1,95
20101010000000	OMNICON PH-CON	Ph& conductivity measurement and controlling device	27 x 30 x 13	1,95
20101001000000	OMNICON PH-FCL	Ph& free chlorine measurement and controlling device	27 x 30 x 13	1,95
***	OMNICON PH-GP	Ph& general purpose measurement and controlling device	27 x 30 x 13	1,95
***	OMNICON 2 GP	Dual channel general purpose measurement and controlling device	27 x 30 x 13	1,95

Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
20101110000000	OMNICON PH-ORP-CON	Ph& redox & conductivity measurement and controlling device	27 x 30 x 13	2,00
20101101000000	OMNICON PH-ORP-FCL	Ph& redox & free chlorine measurement and controlling device	27 x 30 x 13	2,00
***	OMNICON PH-ORP-GP	Ph& redox & general purpose measurement and controlling device	27 x 30 x 13	2,00
***	OMNICON PH-CON-GP	Ph& conductivity & general purpose measurement and controlling device	27 x 30 x 13	2,00
***	OMNICON EXPERT	Ph& conductivity & fcl & tcl & ccl Measurement and controlling device	27 x 30 x 13	2,00

*** Stock code will be defined according to chosen parameters FCL: Free chlorine – TCL: Total Chlorine –CCL: Combined Chlorine

Stock Code	Model	Description
41004001000000	ADDITIONAL MODULE PH	Additional electronic module for pH measurement
41004002000000	ADDITIONAL MODULE ORP	Additional electronic module for ORP measurement
41004004000000	ADDITIONAL MODULE CON	Additional electronic module for conductivity measurement
41004003000000	ADDITIONAL MODULE GP	Additional electronic module for general purpose measurement
41004005000000	ADDITIONAL MODULE RS485	Additional electronic module for ModBus RTU/RS485 communication
41004006000000	ADDITIONAL MODULE ETH	Additional electronic module for ModBus TCP/ETHERNET communication
41004008000000	ADDITIONAL MODULE AN OUT	Additional electronic module for 4-20 mA / 0-20 mA analog output

Multi Parameter Measurement And Controlling Device

Omnicon Series

OMNICON TECHNICAL SPECS

Power supply

100-230VAC, 50-60HZ 0,1AMAX

12VDC 1AMAX* * (OPTIONAL)

pH

0.00 - 14.00pH Measurement Range

Resolution: 0.01pH

Temperature Compensation: NTC, PT100, PT1000

ORP

0000 - 1500mV Measurement Range

Resolution: 1mV

Conductivity /TDS

0.00 - 2000mS (Programmable)

Temperature Compensation: NTC, PT100, PT1000

Low Measurement Limit: 0,0 - 200,0 uS/ppm*

Resolution: 0,1 uS/ppm*

Mid Measurement Limit: 0 - 20.000 uS/ppm*

Resolution: 1 uS/ppm*

High Measurement Limit: 0,0 - 200,0 mS/ppt*

Resolution: 0,01 mS/ppt*

* Units are binding for TDS.

Measurement Parameters

Total Chlorine

Combined Chlorine 0.00-0.50/2.00/10.00/200 ppm*

Free Chlorine 0,01 ppm resolution*

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

Ozone 0,01 ppt resolution*

Hydrogen Peroxide 0,01 ppm resolution*

Peracetic acid

Turbidity 0-40 NTU / 0-400 NTU / 0-4000 NTU

*: Might vary according to measurement parameter.

DO

0.00 - 200 ppt (Prg) Measurement Range

0,01 ppt Resolution

Temperature compensation: NTC, PT100, PT1000

Special salinity and air pressure parameters

Humidity

0,0 - 100,0 rh% Measurement Range 0,1 rh% Resolution

Free chlorine

0,00-10,00 ppm Measurement Range

Resolution: 0,01 ppm

Temperature

RTD -25,0 - 125,0°C Measurement Range 0,1°C Resolution

NTC -5,0 - 80,0°C Measurement Range 0,1°C Resolution

Digital Inputs

2 liquid level, 1 flow rate sensor input (PNP,NPN)

1 External alarm input

Programmable Counter input (LT, m3, number countable)
(divider and pulsator optional)

Outputs

4 programmable relay inputs; 5A 110-230VAC,

*5A 12VDC or can be setted without potential

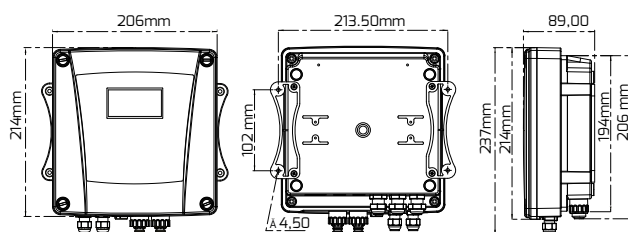
(Reduce Control, Boost Control, PID Reduce Control, PID Boost Control, Counter, Timer, Alarm)

1 Alarm relay 5A without potential (NO-NC)

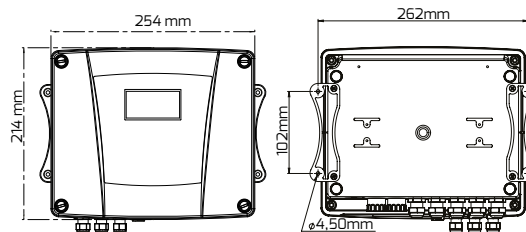
4 0-20mA, 4-20mA programmable analog output

(Linear output, Reduce Control, Boost Control, PID Reduce Control, PID Boost 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
4901000000000001	REMOTE ADMIN	User having Access to the system
4901000000000002	REMOTE CIHAZ	Device to be included in the system
4901000000000003	REMOTE ABONELIK	Subscription Type12 months 24 months
4100401800000000	EK MODUL WIFI OMNICON	Communication module via Omnicon WiFi

Multi Parameter Measurement And Controlling Device

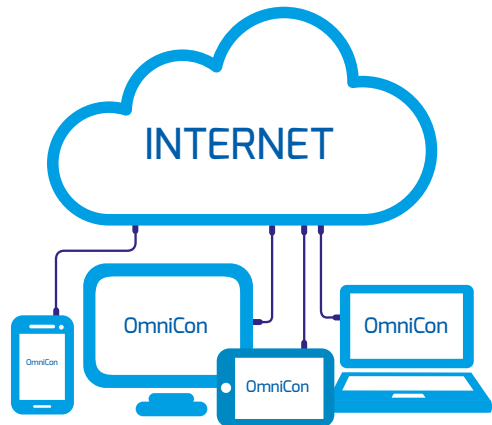
Omnicon Series

OMNICON WEB INTERFACE

Remote monitoring and Control Web Interface for Omnicon

Web interface programme gives the remote controlling and monitoring ability by added on devices optionally. By the Omnicon Web Interface;

- You can monitor the measurement values momentarily.
- Saved logs can be viewed in graphics or tables, reported and exported to computer as pdf document.
- Settings can be changed and relays can be controlled.
- No need of any additional software to use Omnicon Web Interface.
- Any of the web browsers (such as Google Chrome, Internet Explorer and etc.) enough to start using web interface of your device.



- Your Omnicon device not only can be connected by modem but also directly to your computer.
- And also you can have connection via industrial type wireless modem to Omnicon Web Interface

- By opening external port on your modem, you can connect from computers from out of facility, smartphones and tablets



- User login with password



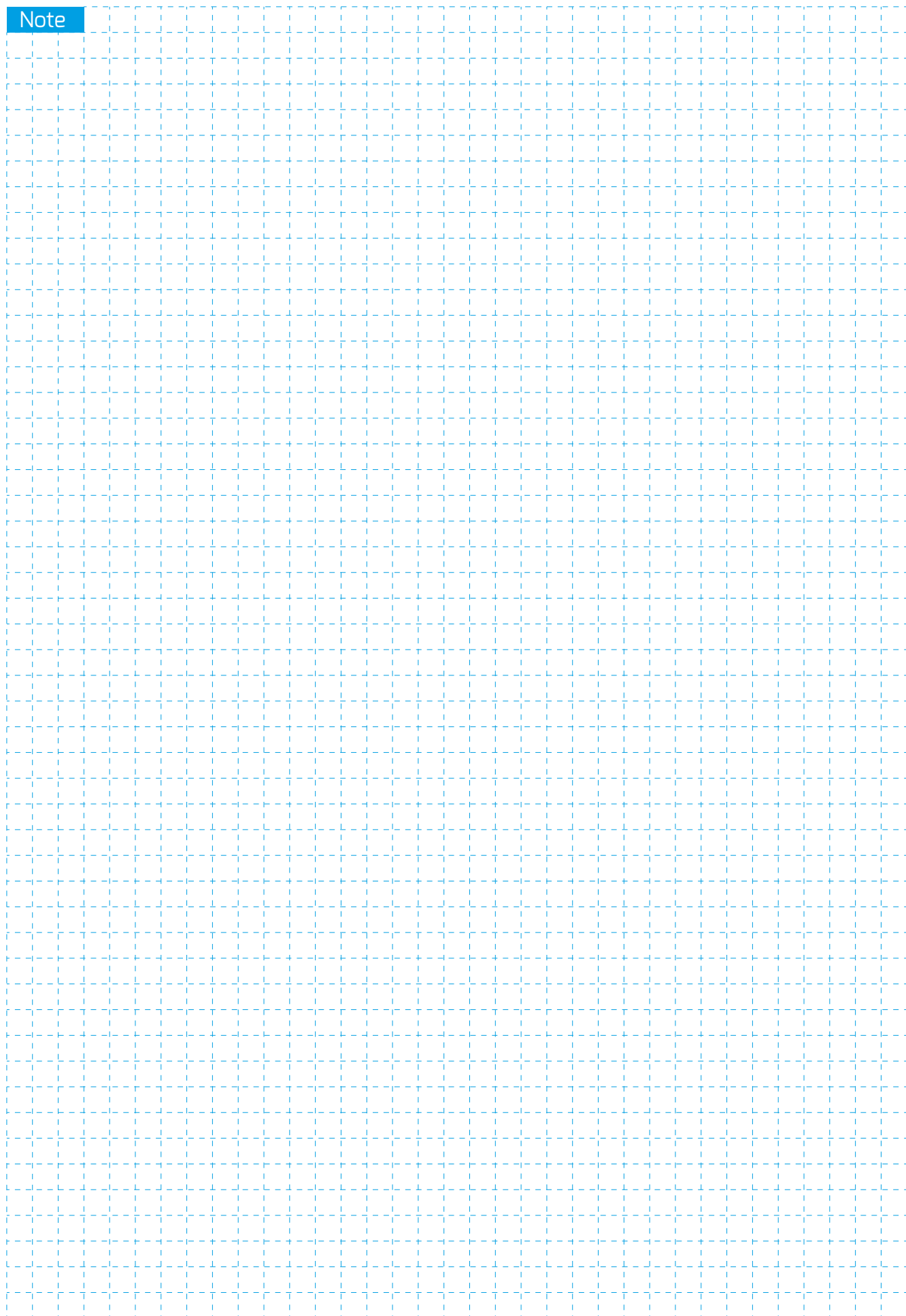
- Momentarily monitoring of measured values, adjusting relay settings, controlling equipments connected to relay such as pumps and valves.



- Viewing saved logs and printing.

Stock Code	Model	Description
882015040020000	OMNICON WEB INTERFACE	Monitoring and controlling interface on internet

Note

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PoolSaver Tetra Series
PoolSaver Tetra Series

Multi Parameter Measurement And Controlling Device

Poolsaver Series

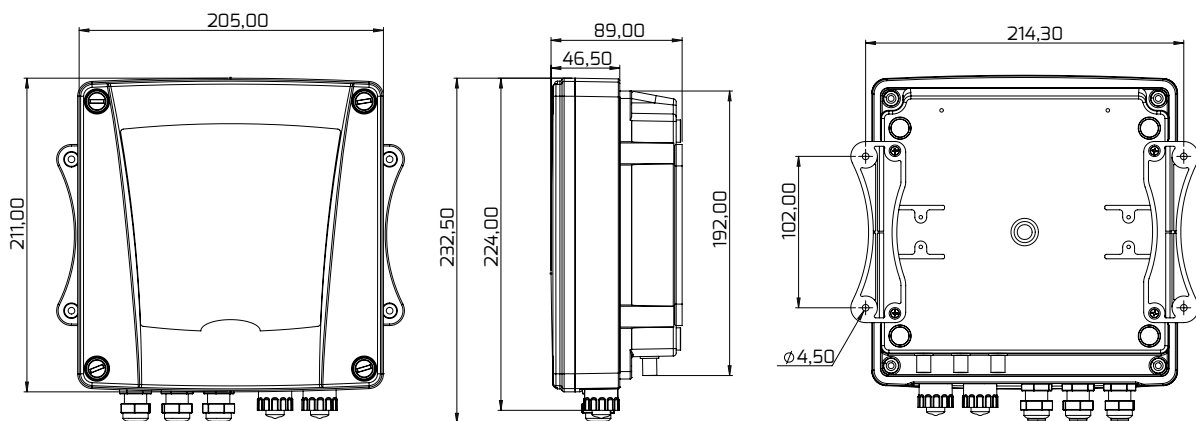
POOLSAVER TETRA

pH& ORP Measurement and Controlling Device

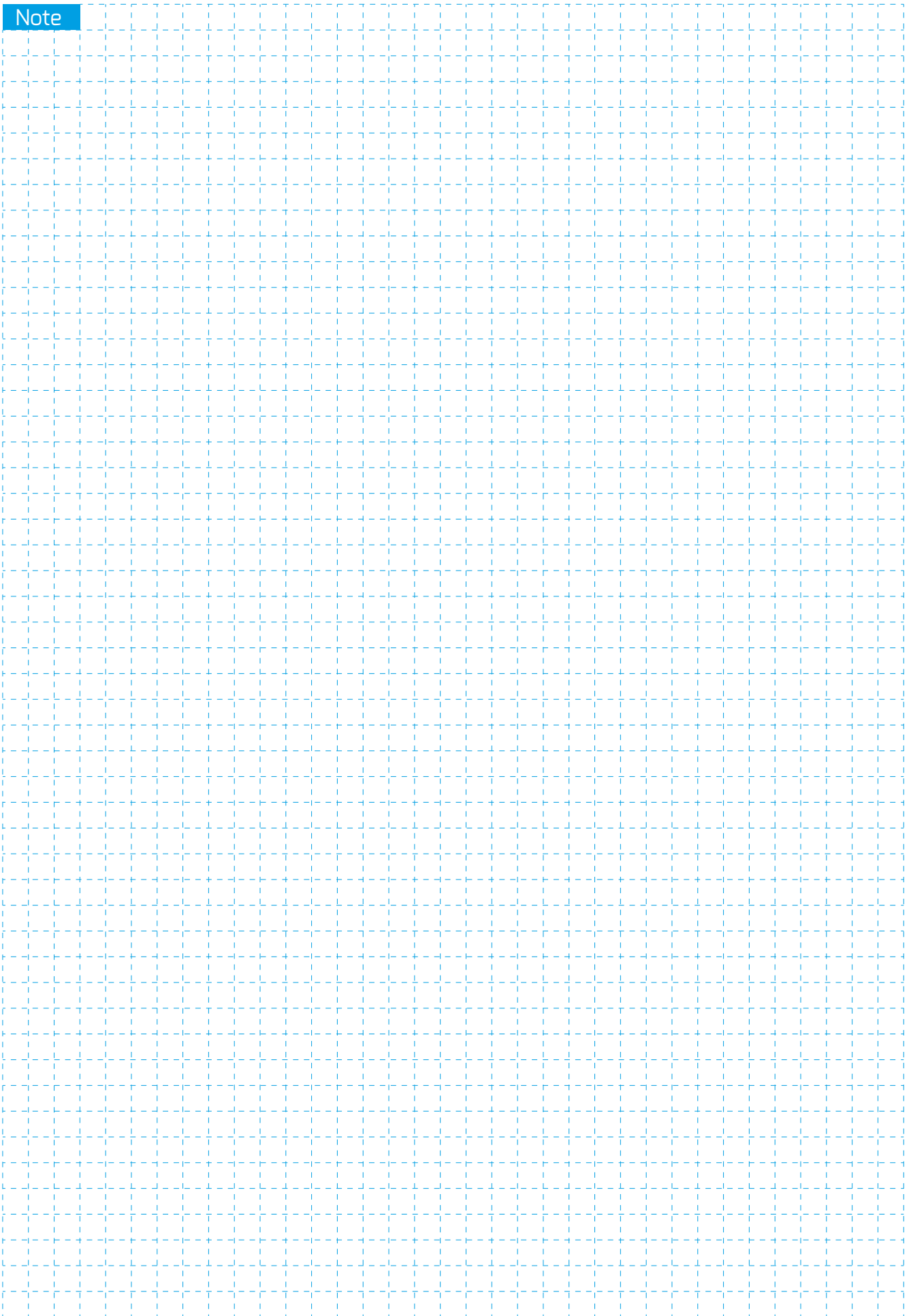
- Digital pH (0, 00 – 14, 00) and ORP (0 – 1600mV) measurement and control device
- Two relay outputs
- Completely digital adjustment and automatic calibration by using buffer solutions
- thus eliminates the needs to use screwdriver or any other tools
- Thanks to proportional control, it is an ideal solution for every size of swimming pool
- High resistance with IP 65 plastic body to corrosive chemicals
- Two liquid level control input.
- 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



Note







Aquameter Series
Aquameter Series

Multi Parameter Measurement And Controlling Device

Aquameter Series

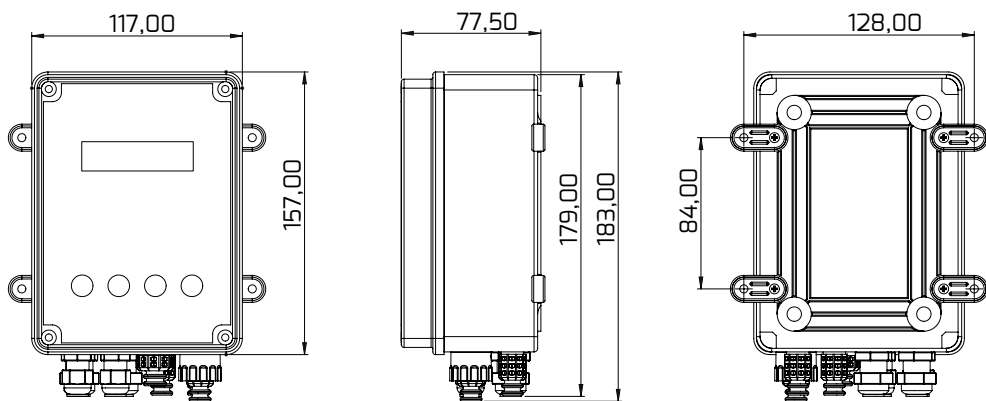
AQUAMETER

Single parameter measuring and control device

- Digital pH (0,00 – 14,00) , ORP (0 – 1000mV) , conductivity (0,01 - 20,00 mS)measurement and control device.
- Completely digital adjustment and automatic calibration by using buffer solutions thus eliminates the needs to use screwdriver or any other tools.
- Proportional control.
- High resistance with IP 65 plastic body to corrosive chemicals.
- Analog control outputs(0-10mA ,0-20mA , 4-20mA , 0-5V, 0-10V 2-10V)
- Up-down controlling buttons, user password , LCD screen with backlight.
- Automatic temperature compensation in pH and conductivity measurements.
- Programmable alarm output.



Stock Code	Model	Description	Package Sizes/cm W-L-H	Packed Weight/Kg
20120000000000	AQUAMETER PH	pH measurement and controlling device	21 x 24 x 18	1,17
20122000000000	AQUAMETER CON	Conductivity measurement and controlling device	21 x 24 x 18	1,17
20121000000000	AQUAMETER ORP	Redox measurement and controlling device	21 x 24 x 18	1,17



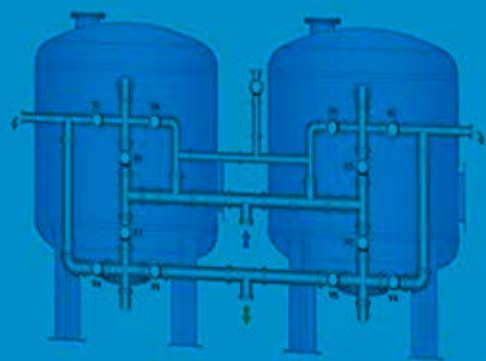
Note



FV1		0 14.06.2021	
Flow to Tank 1	0.0	Flow to Tank 2	0.0
Flow to Tank 3	0.0	Flow to Tank 4	0.0
Flow to Tank 5	0.0	Flow to Tank 6	0.0
Flow to Tank 7	0.0	Flow to Tank 8	0.0
Flow to Tank 9	0.0	Flow to Tank 10	0.0
Flow to Tank 11	0.0	Flow to Tank 12	0.0
Flow to Tank 13	0.0	Flow to Tank 14	0.0
Flow to Tank 15	0.0	Flow to Tank 16	0.0
Flow to Tank 17	0.0	Flow to Tank 18	0.0
Flow to Tank 19	0.0	Flow to Tank 20	0.0
Flow to Tank 21	0.0	Flow to Tank 22	0.0
Flow to Tank 23	0.0	Flow to Tank 24	0.0
Flow to Tank 25	0.0	Flow to Tank 26	0.0
Flow to Tank 27	0.0	Flow to Tank 28	0.0
Flow to Tank 29	0.0	Flow to Tank 30	0.0
Flow to Tank 31	0.0	Flow to Tank 32	0.0
Flow to Tank 33	0.0	Flow to Tank 34	0.0
Flow to Tank 35	0.0	Flow to Tank 36	0.0
Flow to Tank 37	0.0	Flow to Tank 38	0.0
Flow to Tank 39	0.0	Flow to Tank 40	0.0
Flow to Tank 41	0.0	Flow to Tank 42	0.0
Flow to Tank 43	0.0	Flow to Tank 44	0.0
Flow to Tank 45	0.0	Flow to Tank 46	0.0
Flow to Tank 47	0.0	Flow to Tank 48	0.0
Flow to Tank 49	0.0	Flow to Tank 50	0.0
Flow to Tank 51	0.0	Flow to Tank 52	0.0
Flow to Tank 53	0.0	Flow to Tank 54	0.0
Flow to Tank 55	0.0	Flow to Tank 56	0.0
Flow to Tank 57	0.0	Flow to Tank 58	0.0
Flow to Tank 59	0.0	Flow to Tank 60	0.0
Flow to Tank 61	0.0	Flow to Tank 62	0.0
Flow to Tank 63	0.0	Flow to Tank 64	0.0
Flow to Tank 65	0.0	Flow to Tank 66	0.0
Flow to Tank 67	0.0	Flow to Tank 68	0.0
Flow to Tank 69	0.0	Flow to Tank 70	0.0
Flow to Tank 71	0.0	Flow to Tank 72	0.0
Flow to Tank 73	0.0	Flow to Tank 74	0.0
Flow to Tank 75	0.0	Flow to Tank 76	0.0
Flow to Tank 77	0.0	Flow to Tank 78	0.0
Flow to Tank 79	0.0	Flow to Tank 80	0.0
Flow to Tank 81	0.0	Flow to Tank 82	0.0
Flow to Tank 83	0.0	Flow to Tank 84	0.0
Flow to Tank 85	0.0	Flow to Tank 86	0.0
Flow to Tank 87	0.0	Flow to Tank 88	0.0
Flow to Tank 89	0.0	Flow to Tank 90	0.0
Flow to Tank 91	0.0	Flow to Tank 92	0.0
Flow to Tank 93	0.0	Flow to Tank 94	0.0
Flow to Tank 95	0.0	Flow to Tank 96	0.0
Flow to Tank 97	0.0	Flow to Tank 98	0.0
Flow to Tank 99	0.0	Flow to Tank 100	0.0



Antech
Water Control Systems





FST Series
FST Series

Multi Parameter Measurement And Controlling Device

Aquameter Series

FYT

Filter Softening Tandem Treatment Systems Control Panel

- FYT provides the possibility of control as a single device according to the operation methods determined as per the requests of the user thanks to its flexible structure.
- Control is ensured by selecting one of the systems having a filter consisting of 5 and 6 valves, 7-valve softening and 13-valve tandem softening systems over a single device.
- Selection is made from among hourly, weekly and flow control modes and system operation is able to be activated in a programmable manner under every condition.
- Operation period of each step in backflush cycle in control modes can be adjusted. Thanks to programmable 4 digital inlets and outlets;
- System control is able to be sensitized or control level can be increased through raw water tank low level, Product water tank upper level, salt tank upper level sensors and similar equipment.
- Communication protocols (Modbus, RS485, etc.) are supported with additional modules thanks to expandable module slots.
- Measurement and controls can be made thanks to 4-20mA inlet and outlet modules.
- Remote monitoring and control processes are made over the Internet though WiFi module.
- Graphic LCD screen, adjustable light, contrast and sound property
- 2-level password-protected system
- Support for 4 languages (English, French, German, Turkish)
- 32bit Arm Cortex-M0 processor architecture



Stock Code		Model	Description
xx		FILTER CONTROL DEVICE VALVE 5	Filter System Control panel with 5 valv
xx		FILTER-SOFTENING CONTROL DEVICE VALVE 7	Filter System Control panel with 7 valve
xx		TANDEM SMOOTHING CONTROL DEVICE VALVE 13	Filter System Control panel with 13 valve

FYT TECHNICAL PROPERTIES

Feeding

100-230VAC, 50-60Hz 0,2A Max

Operation Type

5-Valve Filter System Control
6-Valve Filter System Control
6+1-Valve Softening System Control
6+6+1-Tandem Softening Control

Operation Modes

Hourly mode (continuous operation according to the time)
Weekly mode (14 independent continuous operation modes according to the real time)
Flow Control Mode (Flow-controlled operation that is programmable according to the period or real time)

Screen and Display Panel

128x64 pixel blue-white graphic LCD
4 front panel user buttons
Front panel led lights for valve condition control
Display panel with led light for relay status control on the main control board and external relay board

Inlets

4 12V digital inlets
8 differently assignable functions for each digital inlet
Programmable Alarm/Warning trigger property
Replaceable inlet NO/NC setting

Outlets

8 main control board dry contact outlets
1. 6 100-230VAC, 50-60Hz 2A Max outlet
2 programmable Max 2A dry contact outlets
8 logic 3.3v programmable digital outlets for general use
8 external relay board dry contact outlets for tandem softening (optional)
1. 6 100-230VAC, 50-60Hz 2A Max outlet
2 programmable Max 2A dry contact outlets

Expandable Slots

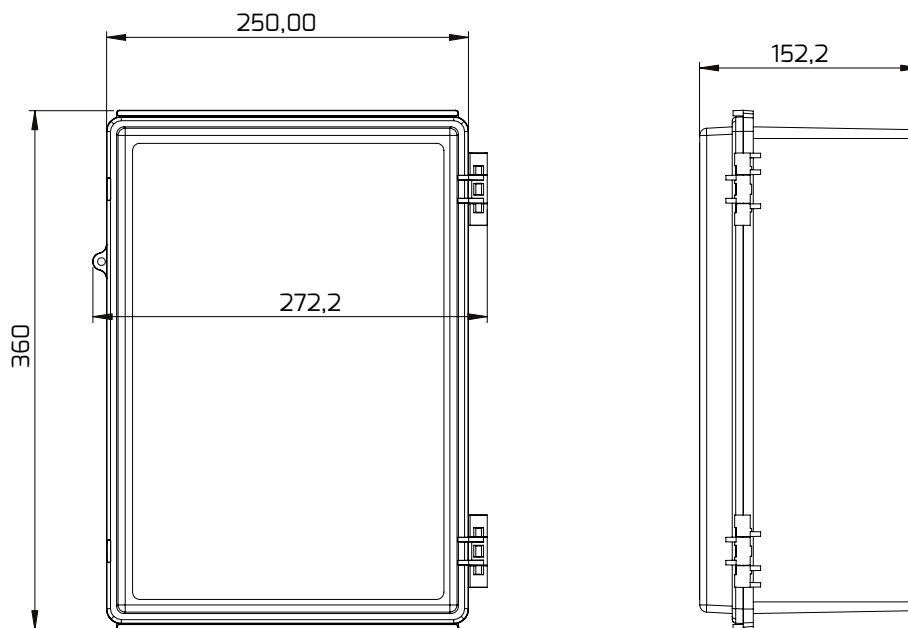
WiFi module
Modbus communication module
4-20mA Analog outlet module
4-20mA Analog inlet module

Box

P65 Standard
Replaceable front panel label
20 PG9 union connection places
WiFi Antenna connection (optional)
Locked hinged front cover

Temperature

1. -10/60 degree





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"Water Control Technologies"

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