

MT600

Double-parameter control instruments for ultra-high-precision swimming pool water-treatment applications.



Available measures

Measure	Range	Nominal accuracy
pH	0 – 14 pH	± 0.01 pH
ORP	± 2,000 mV	± 1 mV
Electrical conductivity	0.054 – 200,000 µS	± 1 %
Dissolved oxygen	0 – 20 ppm	± 1 %
Flow rate	0 – 99,999 l/s, l/m, l/h, m³/h, GPM	± 0.5 Hz
Chlorine	0 – 200 ppm	± 0.01 ppm
Peracetic acid	0 – 99,000 ppm	± 0.01 ppm
Hydrogen peroxide	0 – 99,000 ppm	± 0.01 ppm
Bromine	0 – 10 ppm	± 0.01 ppm
Ozone	0 – 99,000 ppm	± 0.01 ppm
Turbidity	0 – 4,000 NTU	± 1 %
Suspended solids	0 – 30 g	± 1 %
Temperature	-50 – 150°C	± 0.1°C

Technical features

Features	Description	
Double measure	Combination from the above list	Double channel, high precision
Calibration	Single or double point	Wizard calibration routine
Temperature measure	Compensation measure or activation outputs	PT100 sensor or PT1000
Reed input	Hold function	Dry contact
Wi-Fi connection	Hotspot and station operating modes	Wi-Fi protocol
Four-relay device	Normally open status	4 are powered 10 A - 250 Vac 2 are dry contact 10 A - 250 Vac
Two solid state relays	Output frequency signal	1 - 400 pulses/minute
Two 4 - 20 mA channel	Output current analogue signal	800 ohm max load
Display	Display graphic with colour backlight	128 x 128 high-contrast pixels 240 x 128 high-contrast pixels
Power supply	100 - 240 Vac	CE Class II (no earth connection required)
Enclosure box	96 x 96 mm 220 x 144 mm	Panel mounting - IP65 (front) Wall mounting - IP65