

Automatic^{pH} & Automatic^{Cl-pH}

Automatic water treatment-simple, reliable and connected.

smart & easy
TECHNOLOGY
inside



FIELD OF APPLICATION

Automatic^{pH} and Automatic^{Cl-pH} are regulating and dosing devices for private pools which have a dosing capacity of 2.4 l/h per pump.

Automatic^{pH} measures and regulates the pH reliably and precisely. Automatic^{Cl-pH} also measures the Redox value (ORP) and corrects it by injecting Chloriliquide*. This ensures a consistently perfect water quality. The devices are developed and manufactured in Germany with very high quality standards.

OPERATION

The large touchscreen enables comfortable operation while clearly displaying all important information. The optimised user interface also enables you to commission the unit quickly and self-explanatory. The integrated WiFi module of the Automatic^{Cl-pH} enables convenient operation of the unit via the newly developed smartphone APP or the BAYROL Web Portal: www.BAYROL-poolaccess.com

Discover Automatic^{Cl-pH}
in video.



FEATURES

- Continuous measurement of pH and Chlorine (via Redox, only Automatic^{Cl-pH})
- Low-noise peristaltic dosing pumps
- Dosage of pH-Minus Liquid Domestic or pH-Plus liquid
- Dosage of Chloriliquide* (Automatic^{Cl-pH} only)
- 4.3" touch screen, user-oriented graphical user interface, simplified navigation
- Integrated WiFi module for remote access (Automatic^{Cl-pH} only)
- USB port for updates
- Simple electrical installation due to tool-free plug connections
- Level monitoring of the dosing liquids (suction lances available as option)
- Water temperature display (Automatic^{Cl-pH} only, optional)
- Compatible with Smart&Easy Connector (optional) - a practical connector for easy installation of the sensors, the injection valves and the included flow switch.

References :

150100 Automatic^{pH}

150200 Automatic^{Cl-pH}

TECHNICAL DATA

Display	4.3" TFT colour touchscreen, 32bit microprocessor, enhanced graphic acceleration
Regulation	Adaptive proportional control
Measurement of pH value	Single-rod sensor, BNC
Measuring range pH	0 – 10,0
Measurement of redox value	Single-rod sensor, BNC
Measuring range Redox	0 – 999 mV
Sensor cable length	2.5 m
Max. pump pressure	1.5 bar
Max. pump flow rate	2.4 l/h
Electrical connection	240 V~, 50/60 Hz
Power consumption	Controller max. 10 W, Dosing pumps max. 2x 8 W
Protection rating, controller	IP 65
Operating temperature	0 °C – 40 °C
Dimensions of the controller	325 x 210 x 94 mm (H x W x D)
Weight of the controller	Approx. 1.9 kg

OPTIONS

150060	KIT Smart&Easy Connector Flow
150070	KIT Level Automatic Single (Automatic ^{Salt} /Automatic ^{pH})
150080	KIT Level Automatic Double (Automatic ^{Cl-pH})
150090	KIT Temperature Automatic (Automatic ^{Cl-pH})

CONTENT

- Automatic^{pH} or Automatic^{Cl-pH}
- pH sensor with sensor holder
- Buffer solution pH 7
- Redox sensor with sensor holder (only Automatic^{Cl-pH})
- Buffer solution 465 mV (only Automatic^{Cl-pH})
- Cleaning solution for sensors
- Injection valve for pH dosing
- Injection valve for Chlorliquide* dosing (only Automatic^{Cl-pH})
- Saddle clamps, Ø 50 mm (for sensor holders and injection valves)
- Suction hose for dosing pump, 2 m each
- Injection hose for dosing pump, 5 m each
- Wall Mounting Kit

ANNUAL MAINTENANCE, RECOMMENDATIONS

191042	pH sensor
191043	Redox sensor
191053	Hoses for peristaltic dosing pumps (Automatic ^{Cl-pH} , 2 pieces)

