

# Automatic<sup>pH</sup> & Automatic<sup>Cl-pH</sup>

Automatic water treatment-simple, reliable and connected.

smart & easy  
TECHNOLOGY  
inside



## FIELD OF APPLICATION

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

Automatic<sup>pH</sup> measures and regulates the pH reliably and precisely. Automatic<sup>Cl-pH</sup> 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<sup>Cl-pH</sup> enables convenient operation of the unit via the newly developed smartphone APP or the BAYROL Web Portal: [www.BAYROL-poolaccess.com](http://www.BAYROL-poolaccess.com)



(2)

Discover Automatic<sup>Cl-pH</sup>  
in video.



## FEATURES

- Continuous measurement of pH and Chlorine (via Redox, only Automatic<sup>Cl-pH</sup>)
- Low-noise peristaltic dosing pumps
- Dosage of pH-Minus Liquid Domestic or pH-Plus liquid
- Dosage of Chloriliquide\* (Automatic<sup>Cl-pH</sup> only)
- 4.3" touch screen, user-oriented graphical user interface, simplified navigation
- Integrated WiFi module for remote access (Automatic<sup>Cl-pH</sup> 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<sup>Cl-pH</sup> 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<sup>pH</sup>

150200 Automatic<sup>Cl-pH</sup>

## 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 <sup>Salt</sup> /Automatic <sup>pH</sup> )
150080	KIT Level Automatic Double (Automatic <sup>Cl-pH</sup> )
150090	KIT Temperature Automatic (Automatic <sup>Cl-pH</sup> )

## CONTENT

- Automatic<sup>pH</sup> or Automatic<sup>Cl-pH</sup>
- pH sensor with sensor holder
- Buffer solution pH 7
- Redox sensor with sensor holder (only Automatic<sup>Cl-pH</sup>)
- Buffer solution 465 mV (only Automatic<sup>Cl-pH</sup>)
- Cleaning solution for sensors
- Injection valve for pH dosing
- Injection valve for Chlorliquide\* dosing (only Automatic<sup>Cl-pH</sup>)
- 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 <sup>Cl-pH</sup> , 2 pieces)

