Automatic SALT

Automatic SALT is a very high quality salt electrolysis treatment device: efficient, intuitive, durable.



FIELD OF APPLICATION

Automatic SALT is a complete salt electrolysis system, for an outstanding water quality in all salt pools. The design of the cell and the Smart&Easy Connector make its installation simple. Designed and manufactured in Germany, Automatic SALT fulfils all BAYROL Technik quality criteria.

OPERATION

In addition to producing chlorine from the salt in the water, Automatic SALT measures the redox potential and pH value to ensure constant disinfectant content and water balance. The large touch screen provides a clear display of the information and the integrated WiFi module further simplifies the settings of the device, through the dedicated smartphone application, or the BAYROL Web portal:

www.BAYROL-poolaccess.com

Discover Automatic SALT in video

3 YEARS WARRANTY CONTROLLER AND CELL*

FEATURES

- Complete electrolysis system with continuous measurement and control of pH and disinfectant (redox)
- Operates from 1.5 g/l of salt
- 4.3" touch screen, user-oriented graphical user interface, simplified navigation
- Integrated WiFi module for remote access
- Continuous measurement and display of temperature and salt content
- Protection by paddle flow sensor and gas detector
- Contact input for pool cover
- Contact input for pH-Minus suction low-level switch
- USB port for updates
- Tool-free electrical connections with connectors
- Transparent cell holder, installation with Ø 50 mm fittings
- Vertical or horizontal cell installation
- Smart&Easy Connector, inline analysis and dosing chamber

References:

191500 Automatic SALT AS5

191700 Automatic SALT AS7

BAYROL TECHNIK

*Controller and cell guaranteed for 3 years. Other components, see BAYROL warranty policy.

MAXIMUM POOL VOLUME

	Automatic SALT AS 5		Automatic SALT AS 7	
Salt rate	2 g/l	3.5 g/l	2 g/l	3.5 g/l
Temperature < 28 °C	70 m³	80 m³	90 m³	140 m³
Temperature > 28 °C	45 m³	55 m³	65 m³	110 m³

Indicative values based on our experience, with a stabiliser level between 30 and 50 mg/l based on our experience with normal use, sufficient filter running time and with a sibiliser level between 30 – 50 mg/l.

OPTIONS & MAINTENANCE

150070	KIT Level Automatic Single
191080	Smart&Easy Control Module
191081	Smart&Easy Box
173898	Grounding KIT
191058	Yearly Maintanance KIT

TECHNICAL DATA

Display	4.3" TFT Touchscreen
Electronics	32-bit microprocessor, advanced graphics acceleration
Salt level	1.5 - 40 g/l (sea water ready)
Production modes	Auto, Auto Plus, Constant Production, Safe, Pause, Boost
Automatic cell cleaning	Adjustable polarity inversion, cycles from 1 to 24 hours
Permissible cell flow rate	Horizontal installation: 4.5 m³/h – 30 m³/h; Vertical installation: 5.5 m³/h – 30 m³/h
Flow control	Paddle flow switch, gas detector in the cell
Dimensions, electrolysis cell	380 x 170 mm (with Ø 50 mm fittings)
Cable length, electrolysis cell	2.0 m
Max. pressure of electrolysis cell	3.5 bars
Cable length, sensors	2.5 m
Cell material	Titanium, ruthenium/iridium coating
Permissible water temperature	1 °C – 45 °C
Temperature measurement	PT1000 sensor, PVC, BNC
pH measurement	Combined pH sensor, BNC
ORP measurement	Combined Redox sensor, BNC
Salt level measurement	Titanium electrodes for conductivity measurement (accuracy of approx. 5 %)
Power supply	240 V~, 50/60 Hz
Power consumption	160 W
Protection index, controller	IP 65
Weight, controller	approx. 4.3 kg
Dimensions, controller	325 x 210 x 120 mm (width x height x depth)

BOX CONTENT

- Automatic SALT controller
- Electrolysis cell 5 or 7 plates
- Smart&Easy Connector SE
- Flow detector
- Temperature sensor
- pH sensor
- Redox sensor
- Sensor holders (x2)
- pH injection valve
- pH suction strainer
- pH suction hose
- pH injection hose
- pH7 and 465 mV buffer solutions
- Sensor cleaning solution
- Wall mounting kit
- User manual

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