

Automatic^{SALT}

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

smart&easy
TECHNOLOGY
inside



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

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 m ³	80 m ³	90 m ³	140 m ³
Temperature > 28 °C	45 m ³	55 m ³	65 m ³	110 m ³

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 stabiliser level between 30 - 50 mg/l.

OPTION

150070 KIT Level Automatic Single (Automatic^{SALT} /Automatic^{pH})

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 m ³ /h – 30 m ³ /h; Vertical installation: 5.5 m ³ /h – 30 m ³ /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