

Product information Salt Relax PRO

The Salt Relax PRO is the elegant premium device for the reliable treatment of salt water.

The Salt Relax PRO provides reliable water disinfection with just 1.5 g of salt per litre. This allows the use of a chlorine production cell designed for maximum effectiveness. In addition, variable activation of this cell means that the Salt Relax PRO reacts automatically to changed conditions for water care. This ensures



consistently high water quality. But the Salt Relax PRO can do much more. Even the basic model offers a wide variety of options, for example control of the filter pump or the pool lighting. An integrated temperature measurement function switches the pool heating on automatically. Freely assignable relays allow flexible control of further functions such as water attractions. With the optionally available additional modules, you can also regulate the pH value automatically as well as regulating precise dosing of the disinfectant in accordance with the redox value. The innovative Salt Relax PRO guarantees perfect water quality with low salt content in the water.

OPTIONS

pH module, Article no. 190 210

If retrofitted with the pH module, the Salt Relax PRO will also regulate the pH value. This ensures that you have this most important parameter for water care firmly under control.

Scope of supply: pH plug-in card („plug-and-play“), pH sensor, hose pump with adjustable output and venting button, suction filter and injection nozzle, buffer solutions, installation material.

Redox module, Article no. 190 220

With the Redox module, the chlorine production of the Salt Relax PRO can be switched on and off according to the

chlorine demand. This ensures constant generation of the precise amount of chlorine required for perfect water quality.

Scope of supply: Redox plug-in card („plug-and-play“), Redox sensor, buffer solution, installation material.

Liquid treatment products

pH-Minus liquid

Highly concentrated liquid acid concentrate of high chemical purity for lowering the pH value of pool water.

pH Plus liquid

Highly concentrated liquid product on alkaline basis for increasing the pH value of pool water.

FEATURES

- ✓ Salt content from 1.5 – 100 g/L
- ✓ Pool water volume up to 70 m³
- ✓ Automatic reduction of chlorine production when the pool cover is closed
- ✓ Self-cleaning electrolysis cell
- ✓ Boost function for a temporary increase of the chlorine production
- ✓ Large, user-friendly 2.8“ TFT colour display
- ✓ Simple and quick operation via 6 keys
- ✓ Control of the filter pump
- ✓ Control of pool heating via integrated temperature sensor
- ✓ Control of pool attractions
- ✓ Operating hour counter for the electrolysis cell
- ✓ Warning if the salt content is too low
- ✓ Chlorine production with possible for water temperatures as low as 1 °C (switch-off in the case of cold water can be set as an option)
- ✓ Password protection of the service level
- ✓ Optional measurement and regulation of the pH value
- ✓ Bidirectional control of pH value possible
- ✓ Optional measurement of the redox potential for flexible switching on/off of the electrolysis cell according to requirements
- ✓ Eco mode for switch-off of the display

SCOPE OF DELIVERY

- ✓ Salt Relax PRO controller
- ✓ Electrolysis cell with cell holder
- ✓ Flow switch (paddle switch)
- ✓ Holder for electrodes, flow switch and temperature probe
- ✓ Instruction manual
- ✓ Installation material
- ✓ Test strips salt concentration, 20 pcs.

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Technical Data

Display	2.8" TFT colour display
Operation	Software-based operation via 6 keys
Electronics	32 bit microprocessor
Operational safety	Password protection for service level
Language selection	German, English, French, Spanish, Italian
Salt content	1.5 – 100 g/L
Recommended pool size	Up to 70 m ³ (moderate climate)
Adjustment of cell output	0 – 100 %, adjustable in increments of 1 %
Reduced production with pool cover closed	<ul style="list-style-type: none"> • Yes, via external signal from the pool cover • Reduction freely adjustable
Temporarily increased chlorine production	Boost function
Automatic cell cleaning	Polarity reversal, cycles adjustable from 1 to 24 hours
Operating hour counter	Yes, can be viewed by the user
Flow, electrolysis cell	4 m ³ – 30 m ³
Flow monitoring	Gas sensor in the electrolysis cell, paddle switch
Dimensions, electrolysis cell holder	310 x 63 mm
Cable, electrolysis cell	1.5 m
Max. pressure, electrolysis cell	3.5 bar
Cell material	Titanium, coated with ruthenium/iridium
Permissible water temperature	1 °C – 45 °C
Temperature measurement	<ul style="list-style-type: none"> • Measurement via LM35 sensor, stainless steel • Measuring range 0 – 100 °C • Resolution 1 °C • Calibration 1-point calibration
Measurement of the pH value (optional)	<ul style="list-style-type: none"> • Measurement via combination electrode • Unidirectional control; bidirectional control optional • Measuring range pH .0 – 10 pH • Resolution pH 0.1 pH • Calibration pH 1- or 2-point calibration (pH 7 and pH10)
Redox measurement (optional)	<ul style="list-style-type: none"> • Measurement via combination electrode • Measuring range Rx .. 0 – 1000 mV • Resolution Rx 1 – 3 mV • Calibration Rx 1-point calibration
Measurement inputs	<ul style="list-style-type: none"> • pH and redox BNC • Temperature terminal
Alarms	<ul style="list-style-type: none"> • Too low salt level in the water • No flow through electrolysis cell • pH dosing (only if pH module is used) • pH too high/too low (only if pH module is used) • pH dosing alarm (only if pH module is used)
Switching outputs	<ul style="list-style-type: none"> • 3 x 110 – 230 V • 4 x floating
Electrical connection	110 – 240 V~, 50/60 Hz
Power consumption	120 W
Protection class, controller	IP 54
Weight, controller	approx. 2.8 kg
Dimensions, controller	237 x 300 x 152 mm (W x H x D)