

Salt electrolyzer Tecno

- Cost-effective
- Simple installation and operation

- pH control
- Control keys on the front panel
- Salt level alarm
- Transparent, compact housing
- More safety



The ideal solution for private swimming pools!

Automatic adjustment of the pH level is the biggest advantage of the salt electrolyzer Tecno, but not the only one. Maintaining the optimum pH level, improves the efficiency of oxidation and disinfection. Prevents corrosion and surface precipitates.

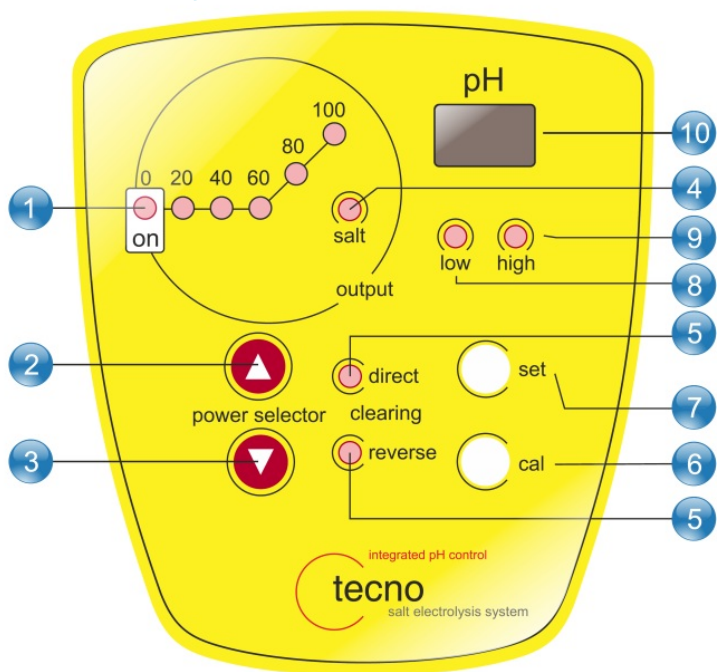
Salt electrolyzer TECNO



Model	Production	For pool	Code
salt electrolyzer TECNO-PH 7G with integrated pH control (pH measurement included)	7 gr Cl ₂ /h	25 m ³	78767
salt electrolyzer TECNO-PH 12G with integrated pH control (pH measurement included)	12 gr Cl ₂ /h	50 m ³	78768
salt electrolyzer TECNO-PH 21G with integrated pH control (pH measurement included)	21 gr Cl ₂ /h	80 m ³	78769
salt electrolyzer TECNO-PH 30G with integrated pH control (pH measurement included)	30 gr Cl ₂ /h	120 m ³	78770
salt electrolyzer TECNO-PH 40G with integrated pH control (pH measurement included)	40 gr Cl ₂ /h	160 m ³	78771

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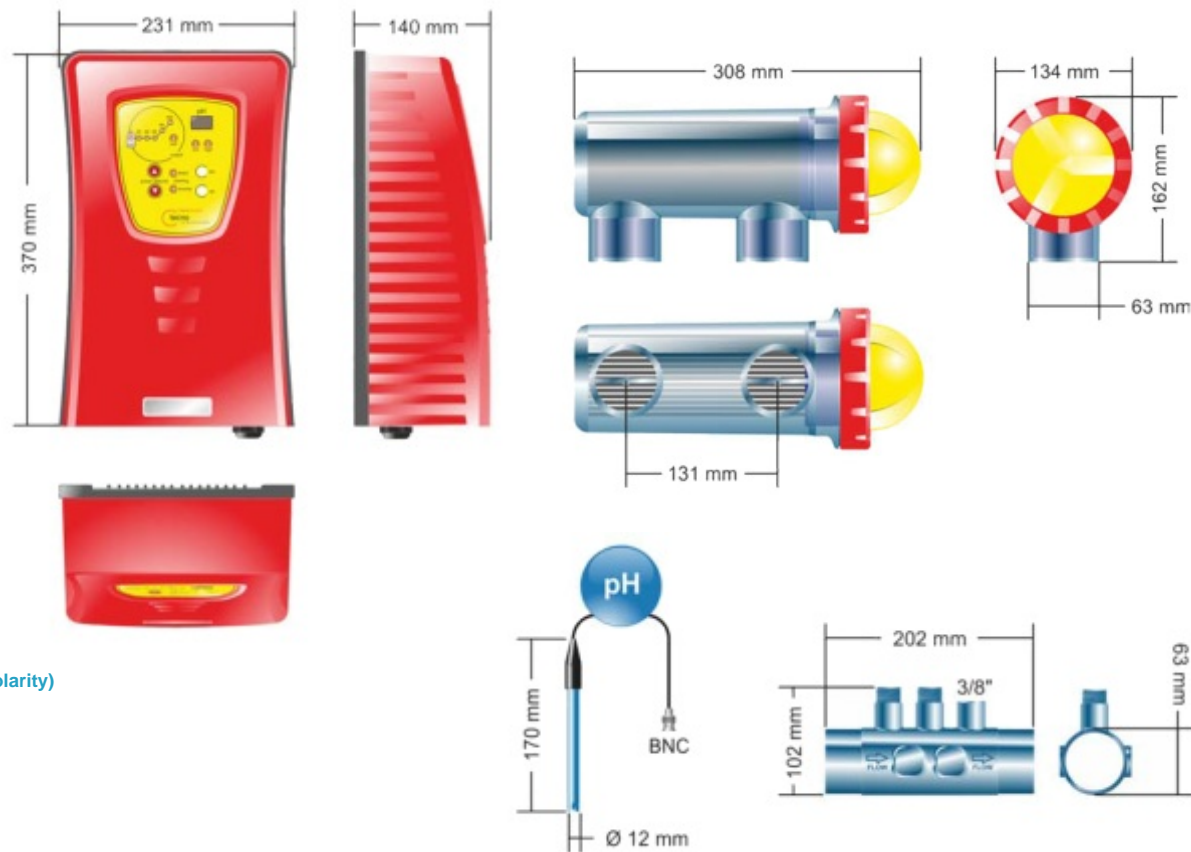
Keys



- 0 Flow alarm (all diodes blinking)
- 1 Production scale (%)
- 2 Key ▲ - increase production
- 3 Key ▼ - decrease production
- 4 Salinity alarm (high/low)

- 5 Self-cleaning indicators (direct/revers polarity)
- 6 Key for pH calibration
- 7 Key for pH setpoint programming
- 8 Indicator of low pH alarm (<6.5)
- 9 Indicator of high pH alarm (>8.5)
- 10 Display (water pH and setpoint)

Dimensions



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Technical data



Description	Power supply				
	7 pH	12 pH	21 pH	30pH	40 pH
Input voltage	230 V AC 50/60 Hz				
Consumption (A)		0.5 A	0.9 A	1.0 A	1.5 A
Fuse (5x20 mm)	1AT	2AT	2AT	3AT	4AT
Output (Adc)	3.5 A x 2	2AT	2AT	3AT	4AT
Production (gr Cl ₂ /h)	6 - 7	10 - 12	17 - 21	24 - 30	31 - 40
Pool m ³ (16 - 24°C)	40	60	100	160	200
Pool m ³ (+24°C)	25	50	80	120	160
Salinity	3 - 12 g/l (4 - 6 g/l recommended)				
Room temperature	max. 40°C				
Housing	ABS				
Polarity reversal	2 h, 3 h (config. jumpers) and test (soft)				
Production control	0 - 100% (5 levels of production)				
Flow Detector (gas)	Yes (always enabled)				
Flow-switch sensor	No				
Production control for cover	1 level (10%), config. jumper (co_0, co1c) potential-free output				
External production control	2 level (0, set %), config. jumper (co_0, co1c) potential-free output				
Control cell function	No				
Pump stop function	Yes, soft config. 1.... 99 min				
Salinity test	No				
Salt alarm indicator	1 LED for both High and Low				
Setup menu	No				
Modbus & Poolstation	No				



Description	Electrolysis Cell				
	7 pH	12 pH	21 pH	30pH	40 pH
Electrodes (self-cleaning)	3.000 - 5.000 hours				
Minimum flow (m ³ /h)	1	2	3	5	6
Numbers of electrodes	3	5	7	11	13
Material	Methacrylate derivate				
Line connection	Gluing PVC Ø63 mm				
Maximum pressure	1 kg/cm ²				
Working temperature	15 - 40°C max.				



Description	pH Controller				
	7 pH	12 pH	21 pH	30pH	40 pH
Measure range	0.0 - 9.9 (pH)				
Control range	7.0 - 7.8 (pH)				
Precision	+/- 0.1 pH				
Calibration	Automatic with calibration solutions				
Control output (pH)	One output 230 V / 500 mA AC max. (dosage pump connection)				
pH sensor	Epoxy housing, 12 x 150 mm, 0 - 80°C, single union, range 0-12 pH				



Electrode holder

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Installation schema

