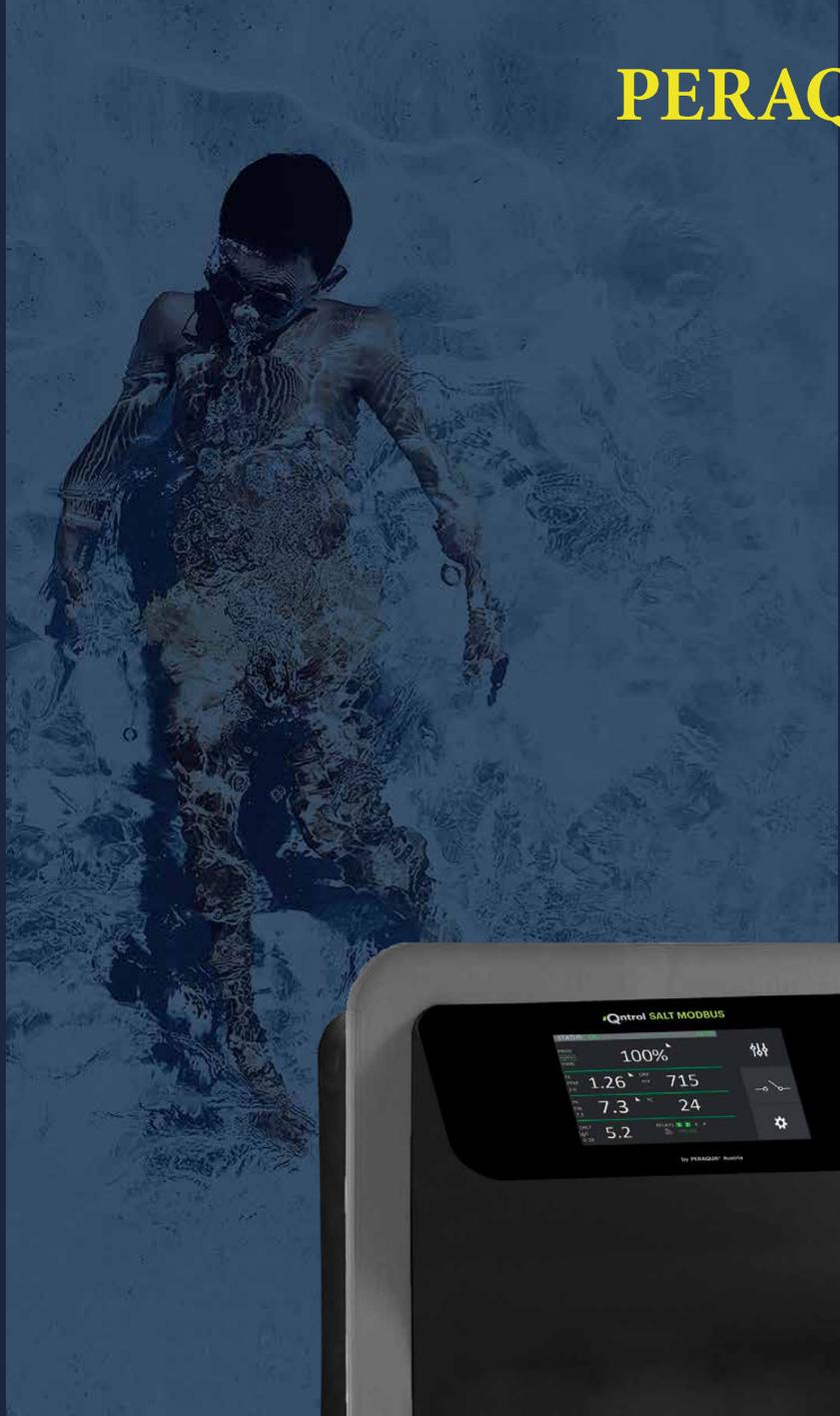


Qntrol MEASURE & CONTROL SYSTEMS



IT'S
ABOUT THE
RIGHT VALUES

iQntrol SALT ELECTROLYSIS

SALT-MODBUS & PRO



iQntrol SALT-MODBUS

Innovative salt electrolysis with touch screen and integrated smart home function, for private pools from 25 to 125 m³

- production | pool size
10g Cl/h | up to 25 m³
15g Cl/h | up to 50 m³
20g Cl/h | up to 75 m³
25g Cl/h | up to 100 m³
35g Cl/h | up to 125 m³
- highly efficient, bipolar, self-cleaning cell
- extended domotic functions, control of all pool settings possible through optional domotic set
- MODBUS functionality
- WLAN-capable in combination with Loxone Miniserver and Loxone App
- easy to use TFT color touch screen, lock function for display
- up to 10.000 hours cell life
- display of ORP value, pH value, salinity, lifetime of cell
- optional sensors for ORP set, pH set, temperature set, free chlorine ppm set, flow meter set
- one programmable relay for e.g. filter pump
- indirect empty alarm for pH-Minus
- protection code IP65

iQntrol SALT-PRO

Compact SALT ELECTROLYSIS with digital display, for private pools from 25 to 125 m³

- production | pool size
10g Cl/h | up to 25 m³
15g Cl/h | up to 50 m³
20g Cl/h | up to 75 m³
25g Cl/h | up to 100 m³
35g Cl/h | up to 125 m³
- highly efficient, bipolar, self-cleaning cell
- optional sensors for ORP set, pH set, temperature set, free chlorine ppm set, flow meter set
- display of ORP value, pH value, salinity, lifetime of cell
- up to 10.000 hours cell life
- integrated microprocessor control for determination of operating hours
- digital display, easy and intuitive to use
- models from 50 - 1,000g Cl/h for hotel and public pool facilities available on request
- indirect empty alarm for pH-Minus
- protection code IP65

COMPARISON TECHNICAL DATA



	iQntrol SALT-MODBUS	iQntrol SALT-PRO
Power supply	230 Vac – 50 Hz / 60 Hz	
Max. cell current	3.75 A – 8.75 A	10 A – 35 A
Production g/h	15 g/h – 35 g/h	10 g/h – 35 g/h
Max. power	80.25 W – 187.25 W	75 W – 263 W
Max. cell voltage cell voltage	21.4 V	7.5 Vcc
Required salt concentration	> 4-6 g/l	> 4-6 g/l

iQntrol SALT ELECTROLYSIS MAGNESIUM



iQntrol Advanced-Pro MAGNESIUM

Compact salt electrolysis to disinfect the pool water by use of magnesium, for private pool from 50 to 100 m³

- _ production | pool size
15g Cl/h | up to 50 m³
25g Cl/h | up to 75 m³
30g Cl/h | up to 100 m³
- _ The salt electrolysis unit ADVANCED-PRO MAGNESIUM combines the natural properties of magnesium salt with the benefits of an electrolysis. The sum of benefits makes the pool water rich on minerals and brings additional health factors. Magnesium ions penetrate the skin and provide therapeutic benefits for muscles and tendons as well as for the immune system. While the generated hypochlorous acid (HClO) disinfects against bacteria in the water.
- _ highly efficient, bipolar, self-cleaning cell
- _ optional sensors for ORP set, pH set, temperature set, free chlorine ppm set, flow meter set
- _ display of ORP value, pH value, salinity, lifetime of cell
- _ up to 10.000 hours cell life
- _ integrated microprocessor control for determination of operating hours
- _ digital display, easy and intuitive to use
- _ indirect empty alarm for pH-Minus
- _ protection code IP65

OPTIMALE PERFORMANCE

The optimal performance of saltwater chlorination is based on the correct choice of chlorine production per hour depending on the pool size.
We recommend a salt concentration of at least 4 g/l (low salt 1-2g) in order to have an optimal function of the system.

	POOL SIZE M ³								
	25	50	75	100	125	150	175	200	
FILTRATION TIME H	4	15 g/h	25 g/h						
	6	10 g/h	20 g/h	25 g/h	35 g/h				
	8	10 g/h	15 g/h	20 g/h	25 g/h	35 g/h	35 g/h		
	10			15 g/h	20 g/h	25 g/h	35 g/h	35 g/h	
	12				20 g/h	25 g/h	25 g/h	35 g/h	35 g/h

If the water regularly exceeds the 28 ° C water temperature, select a higher production level than indicated in the table.



Information on the control and integration of the iQntrol salt electrolysis SALT-MODBUS into the iQnect pool system.

Qntrol SALTSYSTEMS

ACCESSORIES



Smart sea salt

Clean sea salt with high purity of 99,99%, with grain size 1-2 mm or 2-5 mm, 25 kg bag.

Besides sodium chloride, potassium and manganese are also included, has a positive effect on skin & bones & muscle due to magnesium content

- » Recommended dosing: 5 kg/ m³ in Smart salt system and 3 kg/m³ in Smart Low Salt systems



EmgiPool Magnesium

For Smart SALT ELECTROLYSIS Advanced-Pro Magnesium, 25 kg bag

- » Recommended dosage of EmgiPool Magnesium: min. 20% magnesium of the total required salt volume.



Accessories

- » transparent electrode holder d50 incl. sealing plug and O-ring
- » sensor Redox ORP incl. sensor holder, without saddle clamp
- » sensor pH inkl. incl. sensor holder and dosing pump, without saddle clamp
- » domotic set
- » dosing pump 1.5 l/h
- » many other accessories on request or shop.peraqua.com

Prod. No.

7300857
7300604
7300605
7300606
7300856

iQntrol DOSING SYSTEM

DOS-MODBUS



iQntrol DOS-MODBUS

the iQntrol DOS-MODBUS is a Modbus-capable chlorine dosing system for reliable compliance with the water quality. The measured values (disinfection, pH value, temperature), current operating conditions as well as malfunctions and alarms can be displayed on any browser-enabled device.

- _ dosing capacity disinfection: 1.2 l/h
dosing capacity pH regulation: 1 l/h
- _ up to 100 m³ pool size
- _ Self-priming peristaltic metering pumps inject disinfectants and pH regulators directly into the sample water flowing through
- _ flow monitoring switches the device off automatically if the flow cell flow is too low
- _ **including redox electrode with large, self-cleaning platinum probe**
responds reliably to changes in the water quality and ensures that the desired disinfectant power is maintained, this redox electrode lasts for the devices' lifetime
- _ compact, transparent acrylic glass block with measuring cell lighting indicates the device status
- _ the system is pre-assembled on a mounting plate and delivered individually tested, simple and quick installation is guaranteed.

iQntrol DOSING SYSTEM

DOS-PRO



iQntrol DOS-PRO

the iQntrol DOS-PRO controls the measured variables pH value, redox and temperature and is suitable for disinfection with liquid chlorine

- _ dosing capacity disinfection: 1.2 l/h
dosing capacity pH regulation: 0.7 l/h
- _ up to 100 m³ pool size
- _ occurring faults and alarms are displayed with self-explanatory icons on the touch display
- _ self-priming peristaltic metering pumps inject disinfectants and pH regulators directly into the sample water flowing through
- _ professional quality pH and redox electrodes ensure that the desired water values are maintained
- _ the flow monitoring switches the device off automatically if the flow cell flow is too low.

iQntrol DOSING SYSTEM

DOS-ECO



*new housing design from
April 2022*

iQntrol DOS-PRO

Simultaneously regulates the pH value* and the chlorine (mV)**, displays redox value (mV) and the pH value

- _ adjusts the dosage (injection amount) of the chemical requirement
- _ volumetric alarm, which prevents the chemical tank from running empty
- _ 2-in-1 probe holder protects probes from electrical induction currents in water, fits DN40 or DN50, single point for measurement and injection, horizontal or vertical mounting possible
- _ when replacing the sensor, it is easy to switch from pH to ORP at the same time
- _ supplied with a complete kit for easy and quick installation
- _ also available as web-enabled version

** do not use hydrochloric acid as pH minus ** in order for the ORP measurement to work properly, make sure that the tank has a stabilizer content of less than 15 ppm (15mg/l)*

smart DOSING SYSTEM

POOL EASY



Smart pH/ORP control POOLEasy

automatically regulates the pH value or automatically regulates the chlorine (mV),
with pH-Sensor for pools up to 150 m³
with ORP sensor for pools up to 80 m³

- _ adjusts the dosage to the chemical demand
- _ volumetric alarm
- _ Prevents the chemical tank from running empty
- _ incl. complete kit (2 in 1 probe holder)
- _ easy and quick installation
- _ when replacing the sensor at the same time, it is easy to switch from pH to ORP

smart UV WATER TREATMENT

QUANTUM HYBRID



Smart UV water treatment Quantum Hybrid

Smart Quantum produces crystal-clear hygienic pool water by Nano Crystal Technology; meaning that photocatalytic reaction produces additional oxidisers, which transforms organic substances as sun oil, biofilm and urea to their harmless molecular formation

- _ combined Photocatalytic & Hydroxyl Radical and UV technology
- _ destroys bacteria, micro-organisms, pathogenic agents and viruses in water
- _ sea water compatible
- _ flow monitor included
- _ control lamp for lamp exchange

TECHNICAL DATA

- _ voltage: 220 – 240 V, 50 – 60 Hz
- _ max operation pressure: 3 bar
- _ max flow single tube: 12 m³/h, 55 W lamp, pools up to 65 m³
- _ max flow double tube: 24 m³/h, 2 x 55 W lamp, pools up to 130 m³
- _ lamp life span: up to 14.000 h
- _ protection code IP55
- _ water connections: ABS solvent connection 2"/63 mm, incl. reduction for 1½" or 50 mm

WHAT ARE THE ADVANTAGES?

Very economical in power consumption and provides constant savings.

Significant reduction in chemical consumption.

All necessary sensors and control components are pre-assembled. Simple and quick installation in the (existing) pool system.

Manufactured for lifetime operation.

Best protection against waterborne microorganisms in combination with salt or chlorine systems.

FAMILY, SPORT, RELAXATION – THERE IS LIFE IN A POOL.



PERAQUA®

A POOL FULL OF LIFE

It is our highest permission to enrich every pool with creative, perfect fitting, affordable and durable pool technology. Our focus is on the maximum ease of use, safety, cleanliness and sustainability of the selected technology for your pool projects.

Tailored to the digital age, you can choose between fully automatic pool control systems based on WIFI connection or manual control systems in **Peraqua® Quality**.

Our mission is to implement Peraqua® & Praher Top Quality in all areas of sales, marketing, service, logistics, training, repair, and after-sales services with the best dedication.

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