

CPR TOUCH XL-2S

The system CPR Touch XL-2S has been developed especially for ambitious private pools and public pools (ideal for e.g. hotel- und therapy pools), where a reliable dependable compliance of water quality is requested.

FUNCTION DESCRIPTION

Measurement of the parameters free chlorine, pH-value, redox/ORP and temperature. The system CPR Touch XL-2S is in accordance with the common swimming pool norms like DIN, ÖNORM and SIA. Stable and reliable measurement due to large and self cleaning chlorine and redox electrodes. Operation and visualisation via user-friendly 7" Touch-Graphic display that ensures an easy operation. Each system is delivered individually tested and completely pre-mounted on a board. This ensures an easy and quick installation.

SCOPE OF DELIVERY

Control techniques

- Coloured 7" Touch-Graphic display to indicate the current data and status of the unit
- Faults and alarms are illustrated by self-explaining icons
- All control parameters are adjustable to ensure optimal pool conditions
- Integrated test programmes for all functions
- Proportional control characteristic to ensure compliance with the selected set points
- Start-up automatic with pH preference dosing
- Level control of the canisters
- Input for external release, shock chlorination and ECO mode
- Alarm relay with non-volt changeover contact
- Relay 230 V for the control of the pool heating
- Operation languages: German and English
- measuring value- and event storage (data logging)

Interfaces

- Modbus TCP, USB for data export

Remote indication & access via browser driven devices (e.g. tablet or smartphone)

- Indication of the measuring values, current operational states, errors and alarms
- Adjustment of the control and operation parameters

Measuring cell

- Compact acrylic glass block to take the electrodes, dosing valves, flow regulator and sample water valve. Pressure resistant design for measuring water recirculation
- pH-electrode with high reliability reference system
- REDOX electrode with large and self-cleaning platinum round plate
- Free chlorine electrode consisting of: large and self-cleaning surface round gold plate and counter electrode with reference system Ag/AgCl



- Temperature sensor for temperature measurement
- Flow monitoring with switch-off in case of water shortage

Dosing techniques

- Dosing with self-priming peristaltic dosing pumps
- Dosing of disinfection and pH-control chemicals directly into measuring water after measuring cell
- Suction lances with level switch
- Pre-filter for wall mounting

Accessories (incl.)

- 10 m measuring water tube PE 6 x 1
- 7 m dosing tube PTFE 6 x 1
- Buffer solution pH7, pH4, Redox 468 mV
- Electrode cleaner, distilled water
- Cleaning pearls and a sealing kit
- 2 PVC-ball valves 1/2" with submerge tube

Design-cover

- Protective cover

TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	8 W
Charging rate max.	2 A
Measures	W 48 cm x H 67 cm x D 17 cm
Weight	app. 12 kg
Dosing performance chlorine	app. 2,5 l/h
Dosing performance acid	app. 1,2 l/h

TO BE PROVIDED BY THE BUILDER

- Power supply
- Supply water tubing incl. pre-filter
- Tubing to the injection point

