

CPR TOUCH XL

FUNCTION DESCRIPTION

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

Measurement of the parameters free chlorine, pH-value, redox/ORP and temperature. The system CPR Touch XL 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)
- **Interface:** Modbus TCP, USB for data export
- **Remote indication & access via browser driven devices** (e.g. tablet or smartphone, not incl.): 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
- Free chlorine electrode consisting of: large and self-cleaning surface round gold plate and counter electrode with reference system Ag/AgCl
- Redox electrode with large and self-cleaning platinum round plate
- Temperature sensor for temperature measurement
- Flow monitoring with switch-off in case of water shortage

Dosing techniques (Details see technical data):

- Dosing with self-priming peristaltic dosing pumps
- Dosing of disinfection and pH-control chemicals directly into the measuring water
- Suction lances with level switches

Accessories (incl.):

- 10 m measuring water tube PE 6 x 1
- 7m 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
- Pre-filter for wall mounting

Design-cover

TECHNICAL DATA

Type CPR Touch XL	2S	1S oCl mPH	1S mCl oPH	OS
Dosing technique	Two integrated dosing pumps	One integrated dosing pump	One integrated dosing pump	Without integrated dosing pump
Peristaltic pump chlorine dosing performance 2,5 l/h*	✓	-	✓	-
Peristaltic pump pH dosing performance 1,2 l/h*	✓	✓	-	-
Control output external dosing systems	-	1 x 230 V for Inline electrolysis or dosing line GR Plus	1 x 230 V for external pH dosing systems	2 x 230 V
Electrical supply	230 V/AC 50 Hz			
Power supply	8 W			
Charging rate max.	2 A			
Measures (W/H/D)	480 x 670 x 170 mm			
Weight	app. 12 kg			

* with standard tube 3,2 x 1,6 – lower dosing performances on demand

TO BE PROVIDED BY THE BUILDER

- Power supply
- Supply water tubing
- Tubing to the injection point

ACCESSORIES / OPTIONS

- Tele indication 10" Touch
- Service Boxx for CPR Touch

