

CPR-COMPACT 3000

FUNCTION DESCRIPTION

Autocontrol system for public swimming pools. For the control of the parameters free chlorine, pH-value, redox/ORP and temperature according to DIN 19634 to control all dosing units common in trade with frequency, impulse length, 2-point or 0/4...20 mA. Operation and visualisation via a 4-line, illuminated display and 4 buttons.

SCOPE OF DELIVERY

Control techniques:

- 4-line LCD display
- Operation via 4 buttons
- SD card for data- and event logging
- Fault indications in clear text
- LED's to indicate active outputs
- P, PI, PD, PID- control characteristics
- pH preference dosing
- Output pH - pulse, on/off, frequency
- Output chlorine - pulse, on/off, frequency, motor valve with feedback
- 3 free programmable analogue outputs 0/4...20 mA
- Level control of the canisters
- Input for external release
- Alarm relay with non-volt changeover contact
- Simple filter control
- Optional temperature measurement and control
- Optional total chlorine measurement with relay output
- Optional interface RS485 for remote indication and access
- Operation languages: German and English

Measuring cell:

- Acrylic glass block to take the electrodes in pressure-resistant execution with control of the flow and switch-off in case of water shortage
- Pre-filter, sampling valve
- Free chlorine electrode consisting of: large and self-cleaning round gold blank and counter electrode with reference system Ag/AgCl
- pH-electrode with high reliability reference system Ag/AgCl
- Redox electrode with large and self-cleaning platinum round blank for direct reaction to each variation of the water quality. The selected disinfection force will be ensured



Accessories (incl.):

- 10 m measuring water tube PE 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

TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	5 W
Measures (W/H/D)	430 x 650 x 160 mm
Weight	app. 8 kg

TO BE PROVIDED BY THE BUILDER

- Power supply
- Supply tubing

ACCESSORIES / OPTIONS

- Temperature measurement and control
- Total chlorine measurement
- Interface RS485
- Software for remote access
- 7 segment LED remote indication

