

# Swimming Pool Automated Control System

## POOL CENT-PHORPFCL

### Measured Parameters

- ✓ pH
- ✓ ORP
- ✓ Free Chlorine

### Key Features

- ✓ Colour touch screen display of all parameters
- ✓ Amperometric Chlorine measurement
- ✓ Includes shock chlorination, flocculant output & filter backwashing functionality
- ✓ Full remote control via ERMES web portal
- ✓ Datalog download via USB
- ✓ Alarm notifications via SMS and/or email

### Included

- ✓ EMEC CENTURIO POOL Controller
- ✓ Ethernet Web Connectivity
- ✓ USB/Modbus
- ✓ Sensors: pH, ORP, Free Chlorine
- ✓ Sensor holder including flow switch
- ✓ Sample Filter
- ✓ All components mounted on backboard for easy installation
- ✓ Sample Point
- ✓ 20m roll of sample tubing



### Optional

- Temperature Measurement
- Conductivity Measurement
- 4G Web Connectivity

### Applications



Commercial Aquatic Centres



Learn to Swim



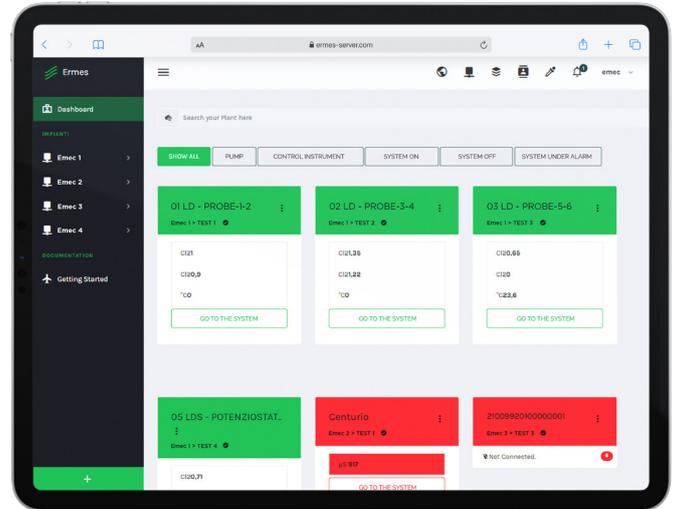
Hydrotherapy Pools

## ERMES Online Web Portal – Complete Remote Control

Through ERMES, it is possible to supervise and manage the parameters & functions of EMEC controllers, including:

- ✓ Controller inputs
- ✓ Tank levels
- ✓ Temperature
- ✓ Setpoints & Settings
- ✓ Readings
- ✓ Alarms
- ✓ Logs
- ✓ Graphs

You can easily read, analyse and modify program settings in real time from your PC, smartphone or tablet, via a web browser.



### Key Technical Data\*

	Range (Resolution)	Component Part No.
EMEC Centurio Controller		EMEC CENTPO
pH Sensor	0-14 pH (0.01 pH)	EMEC EPHSN6
ORP Sensor	0-999 mV (1 mV)	EMEC ERHSN6
Free Chlorine Sensor (Default) Non-Cyanuric Acid treated pools	0-20 mg/l (0.01 mg/l)	EMEC SCL3N/20
Free Chlorine Sensor (Optional) - Cyanuric Acid treated pools	0-20 mg/l (0.01 mg/l)	EMEC SCL3S/20
Temperature Sensor (optional)	0-100°C (0.1°C)	EMEC ETEPT
Sensor Holder		EMEC PEF1R
Sample Filter		EMEC NFIL/60

Control Type	On/Off, Proportional PWM, Proportional (Pulse)
Dimensions	570 (w) x 470 (h) mm

PWM = Pulse Width Modulation (i.e. pump ON/OFF cycle varies depending on deviation from setpoint)

\* For detailed specifications please refer to 'Swimming Pool & Spa Automated Dosing Systems Brochure'

Complete your pool control system with chemical pumps & accessories from CWC:

