

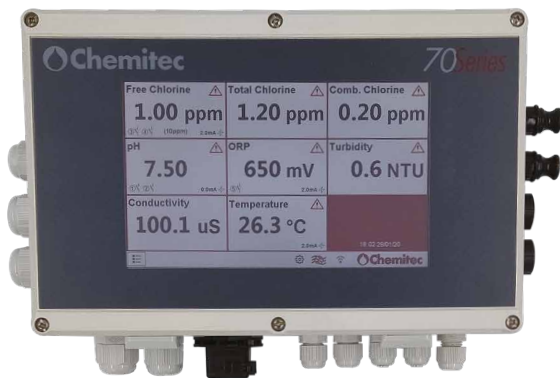
70 Series

Control Instrument

70 Series

Multiparameter touch controller

The 70 has been developed by Chemitec for industrial applications and is especially suited to the drinking water and swimming pool water treatment sectors. It is equipped with all the analogic and digital outputs to be able to control the pump and valve actuators also in a proportional mode (PID and PWM mode). The intuitive 70 series is equipped with a user-friendly interface and touch screen for quick and simple control.



Up to eight parameters can be measured, displayed on the main screen and stored in the internal data logger, which can be consulted on the screen via graphic mode or downloaded via internal Wi-Fi mode. There are four mA outputs with PID control for the proportional control of the dosing pumps, as well as seven relays, five with 230Vac direct drive pumps. The 70 series also includes the standard Modbus RS485 serial.

The large seven "RGB 800x480 color display allows you to view all the parameters on a single screen. The exceptionally easy-to-use interface allows the calibration of the measurements and the dosage settings to be performed in just a few steps. In the absence of flow, the dedicated digital input blocks all dosages and a signal is sent via alarm relay. All information can be displayed on a smartphone or PC thanks to the integrated Wi-Fi module.



Applications

- Wastewater
- Fish farming
- Boilers
- Irrigation
- Dairy
- Drinking water
- Reverse osmosis
- CIP
- Cooling towers



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Parameter	Free Chlorine (Cl ₂) with Amperometric probe 4-20mA Total Chlorine with Amperometric probe 4-20mA Combined Chlorine pH with combined electrode ORP with combined electrode or fluoride Temperature pt100 3 wire Conductivity with K1 probe Turbidity with 4-20mA infrared probe
Electrical characteristics	Power supply 100-240 Vac, Class II, Current absorption < 20W
Output	N°7 Relay 3A with resistive load (5 with power supply for the dosing pump) (2 for alarm) N°4 mA Out N°1 RS485 modbus RTU
Display	7" TFT 800x480 RGB Color with resistive touch. 16:9
Protection	IP65
Measure specification	Free chlorine: 0-5ppm or 0-10ppm Total chlorine: 0-10ppm pH: 0-14 with temperature compensation ORP: -1500mV +1500mV Temperature: 0-100°C Turbidity: 0-99NTU Conductivity: 0-20000uS with temperature compensation
Data Logger	Flash 32Mbit, clock calendar and graphics
Wi-Fi	Internal Wi-Fi module for visualizer and setting the measure and download date, through smartphone or PC
USB	Present for upgrade firmware
Dimensions and box material	250mmx160mmx116m, ABS

Worldwide Distributor Network

Thanks to flexible and reliable instruments, user friendly solutions, outstanding technical skills and continuous improvement, we are selected as an ideal partner and continue to increase our international presence:



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