Chemtrol®
PC1500

DIGITAL CONTROLLER

PPM / pH Digital Controller
with Free Chlorine Control

Chemical Automation is now recognized as a must for many applications such as swimming pools, spas, cooling towers and industrial water treatment. With its advanced microprocessor-based technology, the CHEMTROL® PC1500 Programmable Controller introduces a new standard of sophistication in automated control of sanitizers (chlorine or bromine), oxidizers and pH.

SIMPLE AND RELIABLE

The CHEMTROL® PC1500 is a user-friendly and reliable controller that is easy to install and operate. All menus are displayed in clear language in English, French or Spanish with choice of US or metric units. Every unit is supplied with a comprehensive operation manual plus on-site start-up and training by a Qualified Dealer and a **FIVE-YEAR electronics warranty.**

SANTA BARBARA CONTROL SYSTEMS
Leaders in Automated Water Treatment Since 1976
800-621-2279 | 805-683-8833 | sbcontrol.com

TECHNICAL SUPPORT

The cost and frustration of service calls and downtimes are greatly reduced with two proprietary features of the **CHEMTROL® PC1500:**

- the patented Probe Alert Safeguard* constantly monitors the response of the ORP and pH probes and alerts the operator in case of probe failure,
- the **CHEMCOM™ Program for Windows™** allows immediate technical support from our Service Department or from a Qualified Dealer by remote computer with true duplex operation.

Technical support from **CHEMTROL®** is based on our experience with over 30,000 installations worldwide. It is also available by toll-free phone, by fax or by e-mail.

STANDARD FEATURES

- Large 8-line **LCD DISPLAY** for easy operation
- **ORP CONTROL** of sanitizer and/or oxidizer activity
- pH **CONTROL** with choice of acid or base feed
- **LANGELIER SATURATION INDEX** for water balance
- **AUTOMATIC DATA LOGGING** for up to 999 tests
- Safety **FLOW SWITCH**
- Temperature Display
- **FULL SCREEN MENUS** in English, French or Spanish
- Screen displays in **US** or **METRIC UNITS**
- **COMPATIBLE** with all **COMMON SANITIZERS AND OXIDIZERS**
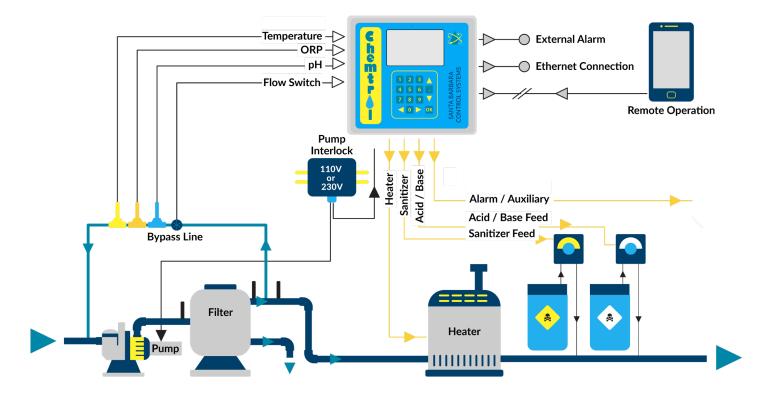
OPTIONS

- **FREE CHLORINE SENSOR** with direct readings in PPM or mg/l
- **FLOW CELL** assembly with clear cover and 3 valves
- **REMOTE COMPUTER OPERATION** and **GRAPHIC DATA DISPLAY** under Windows™

Remote Operation

Chemtrol® PC1500

- Temperature
- ORP
- pH
- Flow Switch
- External Alarm
- Ethernet Connection
- Remote Operation

Pump Interlock — 110V or 230V

- Heater
- Sanitizer
- Acid / Base
- Bypass Line
- Alarm / Auxiliary
- Acid / Base Feed
- Sanitizer Feed

Filter · **Pump** · **Heater**

STANDARD FEATURES

- ORP control
- pH control
- Safety flow switch
- Langelier Saturation Index
- Remote Alarm
- USB port for data download
- Automatic data logging

OPTIONS

- Flow Cell Assemby
- PPM Sensor for free chlorine
- Heater control
- PPM Sanitizer control
- Conductivity/TDS control
- Remote computer operation
- RS485 for multiplexing
- 4-20 mA outputs for BMS/PLC
- Auto fill for salt generators

SPECIFICATIONS

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ORP CONTROL	200-999 mV Setpoint for oxidizer or reducer Programmable shock treatment and chemical saving cycles
pH CONTROL	0-14 Setpoint for acid or base feed
PPM CONTROL (Optional)	0.1 to 10 or 0.2 to 2 ppm or mg/l
CONDUCTIVITY MONITORING	0-20,000 µS/cm or ppm Conversion Factor for TDS
TEMPERATURE READOUT	0 to140 F (-18 to 60C)
LANGELIER INDEX	Calculated from pH, Temp, Total Alkalinity and Calcium Hardness Water Balance display
SENSOR CALIBRATION	1, 2 or 3 points
CONTROL MODES	Off, Manual, Automatic, Timer ON/OFF or Proportional Feed

DATALOGGING	On-board memory for up to 999 tests USB port for datalog download
ALARMS	High / Low out-of-range Run time and overfeed Patented Probe Alert* Safeguard Visual, audio and external alarms
REMOTE OPERATION	Data communication modem CHEMCOM™ remote software and graphical display under Windows™
MULTIPLEXING	RS485 port for multiple connections
MECHANICAL	14 x 10.25 x 7.5 in. (36x26x19 cm) Cabinet Rain and splatter proof NEMA Type 4X
ELECTRICAL	10 A / 110 or 230 V with selector switch All output and alarm relays 5 A
WARRANTY	5-year electronics 1-year sensors
SHIPPING	16 x 16 x 12 in. (41x41x31 cm) Carton 16 lbs (7 kg)

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THE CHEMTROL GUARANTEE

Every unit we make is supplied with a comprehensive operation manual and is backed by our five year electronics warranty. Our customer support department is second to none, providing the technical support you need – and we've been part of over 100,000 installations worldwide.