

## CLX-XT Extended Reagent Life OnLine Residual Chlorine Monitor

The HF scientific CLX-XT Extended Reagent Life OnLine Residual Chlorine Monitor is an economical and low maintenance instrument for shipboard ballast water, potable water or wastewater applications that require continuous monitoring and control of residual Total Chlorine levels. User selectable cycle times, 4-20mA and RS-485 with Modbus output that can be used to control feed pumps and user selectable alarms allow complete manual or automatic control of chlorine dosing. The instrument is housed in a strong, shatterproof IP66 (except fan IP54) case with easy access to all service functions and reagents.



### Standard Features



**Extended range to  
15ppm (option)**

- **Optimized for high temperature marine applications**
- **Use in areas of high ambient temperatures up to 55°C**
- **Total chlorine**  
Can be used for Total Chlorine measurements
- **Low operating costs**  
Cooling effect can extend reagent life to 3 months (depending on cycle time)
- **Simple operation**  
Designed for unattended operation up to 90 days (depending on cycle time)
- **Colorimetric DPD chemistry**
- **Cycle times**  
Cycle times can vary between 110 seconds to 10 minutes (optional 60 seconds to 10 minutes)
- **Alarms**  
Two user selectable alarms for sample concentration
- **Ballast Water Treatment, Drinking Water, Wastewater and More**
- **4-20mA and RS-485 with Modbus**
- **USEPA accepted method**
- **Certified to:**  
Lloyds Register Test Specification for Vibration and 22 Degree Tilt Test  
En 60954: 2002 Section 8.2, 8.4, 8.7, Specification test No1: Section 14
- **NEW! - Extended range to 15ppm (option) ± 10% accuracy**

### Specifications

Range:	0 - 10 mg/l
Cycle Time:	User selectable: 110 seconds - 10 minutes Optional: 60 seconds - 10 minutes
Accuracy:	0 - 6 mg/l - ±5% or 0.03 mg/l of Cl <sub>2</sub> whichever is greater 6 - 10 mg/l - ±10%
Resolution:	0.01 mg/l
Method:	USEPA accepted DPD method of analysis for measuring Total Residual Chlorine
Standard Outputs:	4-20 mA and RS-485 with Modbus
User Alarms:	2 user selectable alarms for sample concentration
Operating Temperature:	0° - 55°C (32° to 131°F)
Input Pressure:	0.3 bar - 10.3 bar (5 - 150psi)
Enclosure:	IP66 (except fan IP54)
Power:	100 - 240 VAC Auto Switchable 47-63hz
Certifications*:	CE, UL, CSA, (ETL, ETLc)
Flow Rate to Waste:	200-400 ml/min
Shipping Dimensions	52mm X 52 mm X 33 mm (20 1/2" X 20 1/2" X 13")
Shipping Weight:	11.8 kg (26lbs.) Reagents are Shipped Separately
Actual Weight:	9.5 kg (21lbs.)
Installed Dimensions:	15.7" x 18.3" x 8.5" (40cm x 46.5cm x 21.6cm)

Specifications subject to change without notice.

### Ordering Information

Cat. No.	Description
28030	CLX-XT Extended Reagent Life OnLine Chlorine Residual Monitor for Total Chlorine complete with operating manual. Reagents must be purchased separately. If the application combines high humidity with cold sample water, purchase a #09944 (desiccant cartridge) separately.

### Reagent Kit

Cat. No.

Total Chlorine reagent for CLX-XT 12 month supply	09991
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(based on estimated BWTS operational cycles)

### Accessories

28040	Replacement tubing/cuvette kit
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CLX-XT with door open