Алматы (7273)495-231
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Иркутск (395)279-98-46
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Омск (3812)21-46-40
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Пермь (342)205-81-47
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Саранск (8342)22-96-24
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CLX-XT

Online Residual Chlorine Monitor

The HF scientific CLX-XT 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 IP55) case with easy access to all service functions and reagents.

Features

- **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 at ambient temperatures up to 50°C)
- **Simple operation**
  Designed for unattended operation up to 90 days (depending on cycle time)
- **Colorimetric DPD chemistry**
- **Cycle times**
  Cycle times can vary between 60 seconds to 10 minutes
- **Alarms**
  Two user selectable alarms for sample concentration
- **Ballast water treatment, drinking water, and wastewater**
- **4-20mA and RS-485 with modbus**
- **USEPA accepted method**

Ordering Information

PART NUMBER	DESCRIPTION
28030	CLX-XT Online Chlorine Residual Monitor for Total Chlorine, including operation manual

Accessories

PART NUMBER	DESCRIPTION
09950XT	Replacement tubing/cuvette kit
25018S	Flow through cuvette (spare)

Reagents

PART NUMBER	DESCRIPTION
09991	Total Chlorine Reagent for CLX-XT - 12 Month Supply (based on estimated BWTS operational cycles)

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Specifications

Measurement Range:	0.00 – 10.00 mg/L (PPM) or optional 0.00-15.00 mg/L
Cycle Time:	User Selectable: 60 seconds to 10 minutes (600 seconds)
Accuracy:	For 0.00 - 10.00 mg/L Range: ±5% of reading or ±0.03 mg/L (PPM) whichever is greater for range of 0-6.0 mg/L (PPM) ±10% of reading from 6.01-10.00 mg/L (PPM) For 0.00 - 15.00 mg/L Range: ±10% of reading or ±0.03 mg/L (PPM) whichever is greater
Resolution:	0.01 mg/L (PPM)
Display:	Multi-line liquid crystal backlit display
Alarms:	Two programmable, 120-240VAC 2A Form C Relay
Analog Output:	Powered 4-20mA, 600Ω drive, isolated
Communications Port:	Bi-directional RS-485 with Modbus
Water Pressure:	Integral pressure regulator 0.34 bar (5.0 PSI) to 10.3 bar (150 PSI)
Flow Rate to Waste:	200 to 400 ml/min
Operating Temperature:	0°C to 55°C (32°F to 131°F)
Wetted Materials:	PVC, Borosilicate Glass, Reslyn (FFKM), Viton® (FKM), Polypropylene, 316 Stainless Steel, Acetal, Noryl®, Silicone, PPS
Sample Temperature Range:	0°C to 55°C (32°F to 131°F)
Power Supply:	100 to 240VAC, 47-63 Hz, 250VA 100 to 240VAC ±10% for serial numbers 201705625 or greater
Insulation Rating:	Double Insulated, Pollution Degree 2, Overvoltage Category II
Environmental Conditions:	Not recommended for outdoor use. Altitude up to 2000 meters. Up to 95% RH (non-condensing)
Enclosure Rating:	Enclosure certified to IP66, Fan rated IP55
Regulatory Compliance and Certifications:	Tested to IMO MEPC. 174(58) Part 3 Reference Imanna Report # 18953-1 CE Approved, Listed to UL 61010-1 Ed 3:2012 Certified to CAN/CSA C22.2 No. 61010- 1:2012 EMC to EN61326-1:2013
Shipping Weight:	11.8 kg (26 lbs) Reagents are shipped separately
Shipping Dimensions:	63 cm x 64 cm x 32 cm (24-1/2" x 25" x 12-1/2")

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