

HF scientific CLX Free/Total Chlorine Controllers

- EPA-approved DPD colorimetric method for water and wastewater
- Low maintenance, low operating costs
- Free or total chlorine residuals 0 to 10 mg/L—compare to Hach CL17

This self-contained process controller continuously monitors and controls free chlorine or total chlorine using an adaptation of the EPA-recommended DPD 330.5 method. It has no mixing motor or pump motor to wear out, making it one of the most reliable colorimetric controllers available. Low chemical usage means low operating and maintenance costs.

The controller has an adjustable sampling rate to conserve on reagents, adjustable from 110 seconds to 10 minutes. Measure free or total chlorine concentrations from 0 to 10 mg/L. Convert between measuring/controlling free chlorine and total chlorine residual by simply changing the reagent kit.

The CLX provides a programmable 4-20 mA output signal that can control chemical feed pumps or record chlorine concentrations for reporting purposes. In addition to the 4-20 mA signal, the controller has two user-selectable hi/low limit relays that can trigger an autodialer or strobe in the event of a system problem. 15 ppm units are available; contact USABlueBook Technical Support for more information.

Includes: replacement tubing/cuvette kit, inlet strainer and manual. 2-year warranty.



Note: Reagents must be purchased separately. Reagent sets contain enough reagent for 30, 60 or 365 days of operation.



Removable sample cell for cleaning or replacement



Premixed reagent set replacement is quick and easy!

We also RECOMMEND...

For use with the CLX chlorine controller



HF scientific Chlorine Liquid Reagent Sets

Free chlorine liquid reagent set includes one bottle of free chlorine buffer solution to control pH, one bottle of free chlorine indicator solution and one bottle of DPD powder.

Total chlorine liquid reagent set includes one bottle of total chlorine buffer solution to control pH, one bottle of total chlorine indicator solution and one bottle of DPD powder.

Range:	0.05 to 10 mg/L
Accuracy:	±5% of measurement or 0.03 mg/L for 0 to 6 mg/L; ±10% of measurement for 6 to 10 mg/L
Resolution:	0.01 mg/L
Display:	backlit LCD
Sample flow rate:	300 mL/min.
Inlet pressure:	5 to 150 psi, 1/4" OD quick-connect fitting
Analog output:	isolated, programmable 4-20 mA
Output signal:	RS-485 with Modbus
Relay output:	2 SPDT relays rated 2A @ 120 to 240 VAC
Power:	100-240 VAC, 47-63 Hz
Enclosure:	NEMA 4X/IP66
Certifications:	ETL to UL and CSA standards
Dimensions:	11.75"W x 11.75"H x 5.25"D

MFR #	DESCRIPTION	STOCK #	EACH
20040	CLX Free/Total Chlorine Controller	28420	\$
REPLACEMENT ITEMS & ACCESSORIES			
09946	Optional Zero Calibration Kit	28424	\$
09944	Optional Desiccant Cartridge	28415	
09950	Replacement Tubing/Cell Kit	28419	
250175	Replacement Check Valve Kit	60199	

MFR #	DESCRIPTION	STOCK #	EACH
09947	Free Chlorine Reagent Set (30 Day)	28423	\$
09948	Total Chlorine Reagent Set (30 Day)	28417	

See facing page for dry reagents.