

Free chlorine and Total chlorine measurement

CHLORINE METER

Model : CL-2006

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

CHLORINE METER

Model : CL-2006

FEATURES

* The meter measures the Free and Total chlorine (CL) in the 0.00 to 3.50 ppm (mg/L).
* The measuring method is an adaptation of the USEPA Method 330.5 for waste water and Standard Method 4500-Cl G for drinking water.
* The advanced optical system based on a special narrow band LED lamp that allows most accurate and repeatable reading.
* Friendly and powerful calibration function are able to validate good performance of your meter at any time.
* 1.00 ppm Free standard solution and 1.00 ppm Total standard solution are includes as the standard accessories.
* The unique optics structure, enables the instrument to read with high resolution : 0.01 ppm (mg/L).
* Splash waterproof on the front panel.
* Jumbo LCD, easy readout.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
* Battery operated for field and on-site testing convenience.
* Data hold function for freezing the desired value on display.
* Records Maximum and Minimum reading with Recall.
* Heavy duty & compact housing with hard carrying case, designed for easy carry out & operation.
* Auto shut off is available to save battery life.
* Application : Test swimming pool, municipal water, food and beverage water, or other aqueous solution where fluid clarity is important.

Method	The measuring method is an adaptation of the USEPA Method 330.5 and Standard Method 4500-Cl G. <i>* The reaction between free (total) chlorine and the DPD reagent cause a pink tint in the sample.</i>	
Display Sampling Time	Approx. 1 second.	
Power off	Auto shut off saves battery life or manual off by push button.	
Calibration points	Zero chlorine. 1.00 ppm (Free chlorine). 1.00 ppm (Total chlorine).	
Operating Temperature	0 to 50 °C .	
Operating Humidity	Less than 85% R.H.	
Power Supply	DC 1.5 V battery (UM4, AAA) x 6 PCs, or equivalent.	
Power Current	Stand by	Approx. DC 4 mA.
	Testing	Approx. DC 12 mA.
Weight	320 g/0.70 LB. @ Battery is included.	
Dimension	155 x 76 x 62 mm (6.1 x 3.0 x 2.4 inch)	
Accessories Included	<ul style="list-style-type: none"> * Hard carrying case, CA-08..... 1 PC * Instruction manual..... 1 PC * 1.0 ppm Free Chlorine standard solution, CF-01..... 1 PC * 1.0 ppm Total Chlorine standard solution, CT-01..... 1 PC * Zero Chlorine standard solution, CL-01..... 1 PC * Empty testing bottle..... 2 PCs * Clean cloth..... 1 PC * Free Chlorine DPD powder..... 10 PCs * Total Chlorine DPD powder..... 10 PCs 	
Optional Accessories	<ul style="list-style-type: none"> * Free Chlorine DPD powder (10 PCs), Model : CFP-10 * Total Chlorine DPD powder (10 PCs), Model : CTP-10 * Empty testing bottle, Model : 0601 * 1.0 ppm Free Chlorine standard solution, Model : CF-01 * 1.0 ppm Total Chlorine standard solution, Model : CT-01 * Zero Chlorine standard solution, Model : CL-01 	

2. SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 41 mm x 34 mm
Range	Free chlorine (CL) : 0.00 to 3.50 ppm (mg/L).
	Total chlorine (CL) : 0.00 to 3.50 ppm (mg/L).
Resolution	0.01 ppm (mg/L).
Accuracy	± 0.02 ppm (mg/L). @ 1.00 ppm (mg/L)
Light source	LED, 525 nm.
Light detector	Photo diode
Response time	Less than 10 seconds.
Sample volume	10 mL.
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.

* Appearance and specifications listed in this brochure are subject to change without notice.