

M Meters-Water Quality

Model: CL-2006, Chlorine Meter



Features:

- The meter measures the Free and Total chlorine (CL) in the 0.00 to 3.50ppm (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 & powerful calibration function are able to validate good performance of your meter at any time.
- 1.00ppm Free standard solution and 1.00ppm Total standard solution are included as the standard accessories.
- The unique optics structure, enables the instrument to read with high resolution: 0.01ppm (mg/L).
- Splash waterproof on the front panel.
- Jumbo LCD, easy readout

Specifications:

- Circuit: Custom one-chip of microprocessor LSI circuit.
- Display: LCD size : 41mm x 34mm.
- Range: Free & Total chlorine (CL): 0.00 to 3.50ppm (mg/L).
- Resolution: 0.01ppm (mg/L).
- Accuracy: ± 0.02 ppm (mg/L). @ 1.00 ppm (mg/L)
- Light source: LED, 525 nm.
- Light detector: Photo diode.
- Method: The measuring method is an adaptation of the USEPA Method 330.5 and Standard Method 4500-Cl G.
* The reaction between free (total) chlorine and the DPD reagent cause a pink tint in the sample.
- Response time: Less than 10 seconds.
- Sample volume: 10 mL.
- Data Hold: Freeze the display reading.
- Memory Recall: Maximum & Minimum value.
- Display Sampling Time: Approx. 1 second.
- Power off: Auto shut off saves battery life or manual off by push button.
- Calibration points: Zero chlorine. 1.00ppm (Free chlorine). 1.00ppm (Total chlorine).
- Operating Temperature: 0 to 50°C.
- Operating Humidity: Less than 85% R.H.
- Power Supply: DC 1.5V battery (UM4, AAA) x 6 PCs, or equivalent.
- Power Current: Stand by - Approx. DC 4 mA.
Testing - Approx. DC 12 mA.
- Weight: 320g/0.70 LB. @ Battery is included.
- Dimension: 155 x 76 x 62mm.
- Accessories Included:
 - * 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-011 PC
 - * Empty testing bottle.....2 PCs
 - * Clean cloth.....1 PC
 - * Free Chlorine DPD powder.....10 PCs
 - * Total Chlorine DPD powder.....10 PCs

Models: TU-2016, Turbidity Meter



- Designed to meet ISO 7027.
- NTU (Nephelometric TURBIDITY Unit) measuring unit.
- Wide & auto measurement range : 0 to 1,000 NTU.
- High resolution: 0.01 NTU/1 NTU.
- The unique optics structure, enables the instrument to read low value of TURBIDITY to the high level up to 1,000 NTU.
- Four operation buttons and two calibration points, easy operation.
- 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 readings 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 municipal water, food & beverage water, or other aqueous solution where fluid clarity is important.

Specifications for TU-2016, Turbidity Meter:

- Circuit: Custom one-chip of microprocessor LSI circuit.
- Display: LCD size : 41 mm x 34 mm
- Range: 0.00 to 50.00 NTU, 50 to 1,000 NTU
* NTU : Nephelometric Turbidity Unit
* Auto range
- Resolution: 0.01 NTU/ 1 NTU
- Accuracy: ± 5 % F.S. or ± 0.5 NTU, which ever is greater.
- Light source: LED, 850 nm.
- Detector: Photo diode
- Standard: Meet ISO 7027.
- Response time: Less than 10 seconds.
- Sample volume needed: 10 mL.
- Data Hold: Freeze the display reading.
- Memory Recall: Maximum & Minimum value.
- Display Sampling Time: Approx. 1 second.
- Power off: Auto shut off saves battery life or manual off by push button.
- Calibration points: 0 NTU, 100 NTU.
- Operating Temperature: 0 to 50.
- Operating Humidity: Less than 85% R.H.
- Power Supply: DC 1.5V battery (UM4, AAA) x 6PCs, or equivalent.
- Power Current: Stand by Approx. DC 3.5 mA.
Testing Approx. DC 36 mA.
- Weight: 320g/0.70 LB. @ Battery is included.
- Dimension: 155 x 76 x 62 mm (6.1 x 3.0 x 2.4 inch)
- Accessories Included:
 - Testing bottle with 0 NTU standard solution.....1 PC
 - Testing bottle with 100 NTU standard solution.....1 PC
 - Empty testing bottle.....2 PCs
 - Clean cloth.....1 PC
 - Clean solution (Distill water).....1 bottle
 - Hard carrying case, CA-08.....1 PC