



Application:
 Test swimming pool, municipal water, food and beverage water, or other aqueous solution where fluid clarity is important.

1. General Specifications

Spartna SPR - 502 is Chlorine Meter comes complete with all the accessories to conveniently take measurements of both Free and Total Chlorine up to 3.50ppm with 0.01 ppm resolution. The method used is adapted from USEPA Method 330.5 for waste water and Standard Method 4500-Cl-G for drinking water.

2. Features

1. The meter measures the Free and Total chlorine (CL) in the 0.00 to 3.50 ppm (mg/L).
2. The measuring method is an adaptation of the USEPA Method 330.5 for waste water and Standard Method 4500 - Cl G for drinking water.
3. The advanced optical system based on a special narrow band LED lamp that allows most accurate and repeatable reading.
4. Friendly and powerful calibration function are able to validate good performance of your meter at any time.
5. 1.00 ppm Free standard solution and 1.00 ppm Total standard solution are included as the standard accessories.
6. The unique optics structure, enables the instrument to read with high resolution : 0.01 ppm (mg/L).
7. Splash waterproof on the front panel.
8. Jumbo LCD, easy readout.
9. Microprocessor circuit assures maximum possible accuracy , provides special functions and features.
10. Battery operated for field and on-site testing convenience.
11. Data hold function for freezing the desired value on display.
12. Records Maximum and Minimum reading with Recall.
13. Heavy duty & compact housing with hard carrying case, Heavy duty and compact housing with hard carrying case,
14. Auto shut off is available to save battery life.
15. Accessories: Carrying case , Manual , 1.0 ppm Free Chlorine standard solution, 1.0 ppm Total Chlorine standard solution, Zero Chlorine standard solution, Empty testing bottle, Clean cloth, Free Chlorine DPD powder and Total Chlorine DPD powder.

3. Technical Specifications

Free Chlorine Range	0.00 to 3.50 ppm (mg/L)
Total Chlorine Range	0.00 to 3.50 ppm (mg/L)
Resolution	0.01 ppm (mg/L)
Accuracy	± 0.02 ppm (mg/L) at 1.00 ppm (mg/L)
Light Source	LED, 525 nm
Light Detector	Photo diode
Response time	Less than 10 seconds
Sample Volume	10 mL
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 1.5V battery (UM4,AAA) x 6
Dimensions	155 x 76 x 62 mm
Weight	320g

