



Multi Parameter Water Quality Instrument



- :: Simultaneously measures and displays four parameters
- :: $\pm 1\%$ full scale accuracy at 3-decimal resolution across a wide measurement range
- :: Ion-measurement capabilities with 3-digit resolution
- :: Accepts two-cell and four-cell conductivity probe to measure up to 500 m/s — meter measures pure water!
- :: Selectable multi-point calibration for more accurate conductivity measurements or single-point calibration for quick, convenient calibration with no mistakes
- :: Measures 90.00mg/L in DO concentration and 600% in DO saturation—one of the widest dissolved oxygen measurement ranges offered in the handheld market today
- :: Fast and easy DO calibration with 100% calibration option against atmospheric air or 0% calibration against a zero solution
- :: Salinity, Temperature and Pressure Compensation—accurate readings under varying conditions
- :: No warm up time required with galvanic system of measurement
- :: One-Glance-Tells-All Screen Display with Backlight
- :: Electrode status report, calibration data and simultaneous display of up to 4 parameters
- :: Rugged and IP67-rated waterproof for applications in harsh environments. Meter floats on water!
- :: Easy-to-understand prompt messages for easy set-up, calibration and trouble-shooting
- :: Recorded readings individually stamped with time and date in GLP compliant format
- :: Auto-logging meter saves readings automatically within seconds to prevent data loss
- :: HI-LO limit alarm for easy quality control – Meter alerts when readings fall outside selected ranges
- :: Wireless Information Technology: Transfer data from meter to computer with the press of a button
- :: Non-Volatile Memory protects information and meter settings, even when batteries run out
- :: Four Levels of Password Protection prevents tampering or accidental data deletion
- :: Calibration Alarm: No more out-dated calibration settings

Product Specification	Description
pH Range	-2.000 to 20.000 pH
Resolution & Accuracy	0.1/0.01/0.001 pH & ± 0.002 pH
No. of pH Calibration Points	1 (Offset) to 6 points

pH Buffer Options	USA, NIST, DIN, PWB, Custom
mV Range	±2000.0 mV
Resolution & Accuracy	0.1 mV & ±0.2 mV
Ion Concentration Range	0.001 to 19900
Resolution & Accuracy	2 or 3 digits & ±0.5% FS (mono); 1% FS (div)
No. of Ion Calibration Pts	Up to 8
DO Range	0 to 90.00 mg/L or ppm / 0 to 600%
Resolution & Accuracy	0.01 mg/L or ppm / 0.1% ; ±0.2mg/L / ±0.2%
Salinity Correction	Automatic
Resolution & Accuracy	0.0 to 50.0ppt & 0.1 ppt
Barometric Pressure Correction	Automatic correction with built-in sensor
Resolution & Accuracy	450 to 825 mmHg / 59.9 to 109.9 kP & 0.1 mmHg or 0.1 kPa
Conductivity Range	.. to 500 mS/cm
Resolution & Accuracy	0.05% FS & ±1% FS + 1 LSD
Cell Constant	0.010 to 10.000
Temperature Coefficient	Linear & Pure
TDS Range	.. to 500.0 ppt
Resolution & Accuracy	0.05% FS & ±1% FS +1 LSD
Salinity Range	0 to 80 ppt
Resolution & Accuracy	0.05% FS & ±1% FS +1 LSD
Temperature Range	-10.0 to 110.0 °C / 14.0 to 230.0 °F (Meter)
Resolution & Accuracy	0.1 °C/°F & ±0.5°C/ ±0.9°F
Temperature Compensation	Automatic / Manual (0 to 100 °C)
Memory	500 Data Sets with Date/Time stamping & Security password protection
Output	IrDA Wireless Communications
Display	Multi-data Back-lit dot matrix; 7.2 cm (H) X 5.4 cm (W)
Special Functions	Auto-Calibration; Data-logging options with time/date indexed, GLP compliance; Simultaneous Display and measurement of 4 parameters; Cal-due alarm; pH slope/offset Display & Self-diagnostic
Power	4 X 1.5 V "AA" Alkaline batteries or 9 V DC adapter, 500 mA

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Hydrology, Meteorology, Forestry, Agro-Meteorology, Scientific & Soil Testing Equipments.

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