

**Specifications:-**

- pH Range : 0.00 to 14.00 pH
- pH Resolution : 0.01 pH
- pH Accuracy : ± 0.02 pH
- pH Calibration : automatic one, two, or three points with automatic recognition of five standard buffers (pH 4.01, 6.86, 7.01, 9.18, 10.01) or one custom buffer
- ORP Range : ± 2000.0 mV
- ORP Resolution : 0.1 mV
- ORP Accuracy : ± 1.0 mV
- ORP Calibration : automatic at one custom point (relative mV)
- mV Range : ± 600.0 mV
- mV Resolution : 0.1 mV
- mV Accuracy : ± 0.5 mV
- EC Range : 0 to 200 mS/cm (absolute EC up to 400 mS/cm)
- EC Resolution : auto-ranging
- EC Accuracy : $\pm 1\%$ of reading or $\pm 1 \mu\text{S/cm}$ whichever is greater
- EC Calibration : automatic single point, with six standard solutions (84 $\mu\text{S/cm}$, 1413 $\mu\text{S/cm}$, 5.00 mS/cm, 12.88 mS/cm, 80.0 mS/cm, 111.8 mS/cm) or custom point
- TDS Range : 0 to 400000 ppm (mg/L); (the maximum value depends on the TDS factor)
- TDS Resolution : manual
- TDS Accuracy : $\pm 1\%$ of reading or ± 1 ppm (mg/L), whichever is greater
- TDS Calibration : based on conductivity or salinity calibration
- Salinity (PSU) Range : 0.00 to 70.00 PSU
- Salinity (PSU) Resolution : 0.01 PSU
- Salinity (PSU) Accuracy : $\pm 2\%$ of reading or ± 0.01 PSU whichever is greater

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Salinity (PSU) Calibration : based on conductivity calibration
- Salinity (Seawater Sigma) Range : 0.0 to 50.0 σ_t , σ_0 , σ_{15}
- Salinity (Seawater Sigma) Resolution : 0.1 σ_t , σ_0 , σ_{15}
- Salinity (Seawater Sigma) Accuracy : ± 1 σ_t , σ_0 , σ_{15}
- Salinity (Seawater Sigma) Calibration : based on conductivity or salinity calibration
- Resistivity Range : 0 to 999999 $\Omega \cdot \text{cm}$; 0 to 1000.0 $\text{k}\Omega \cdot \text{cm}$; 0 to 1.0000 $\text{M}\Omega \cdot \text{cm}$
- Resistivity Resolution : dependent on resistivity reading
- Resistivity Calibration : based on conductivity calibration
- Dissolved Oxygen Measurement Type : Polarographic
- Dissolved Oxygen Range : 0.0 to 500.0%; 0.00 to 50.00 ppm (mg/L)
- Dissolved Oxygen Resolution : 0.1%; 0.01 ppm (mg/L)
- Dissolved Oxygen Accuracy : 0.0 to 300.0% saturation
- Dissolved Oxygen Calibration : automatic one or two points at 0 and 100% or one custom point
- Dissolved Oxygen Temperature Compensation : automatic from 0.0 to 50.0 $^{\circ}\text{C}$ (32.0 to 122.0 $^{\circ}\text{F}$)
- Barometric Pressure Compensation : automatic from 450 to 850 mmHg
- Salinity Compensation : automatic from 0 to 70 g/L
- Temperature Resolution : 0.01 K, 0.01 $^{\circ}\text{C}$, 0.01 $^{\circ}\text{F}$
- Temperature Accuracy : ± 0.15 $^{\circ}\text{C}$; ± 0.27 $^{\circ}\text{F}$; ± 0.15 K
- Temperature Calibration : automatic at one custom point
- Temperature Compensation : automatic from -5 to 55 $^{\circ}\text{C}$ (23 to 131 $^{\circ}\text{F}$)
- Logging Memory : 45,000 records (continuous logging or log-on-demand of all parameters)
- Logging Interval : one second to three hours
- Connectivity : USB to PC with HI9298194 Hanna software installed
- Battery Type/Life : 1.5V AA batteries (4) / approximately 360 hours of continuous use without backlight (50 hours with backlight)
- Environment : 0 to 50 $^{\circ}\text{C}$ (32 to 122 $^{\circ}\text{F}$); RH 100% (IP67)
- Atmospheric Pressure Range : 450 to 850 mm Hg; 17.72 to 33.46 in Hg; 600.0 to 1133.2 mbar; 8.702 to 16.436 psi; 0.5921 to 1.1184 atm; 60.00 to 113.32 kPa
- Atmospheric Pressure Resolution : 0.1 mm Hg; 0.01 in Hg; 0.1 mbar; 0.001 psi; 0.0001 atm; 0.01 kPa
- Atmospheric Pressure Accuracy : ± 3 mm Hg within $\pm 15\%$ from calibration point
- Atmospheric Pressure Calibration : automatic at one custom point

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