

**Specifications:-**

- pH Range : 0.00 to 14.00 pH
- pH Resolution : 0.01 pH
- pH Accuracy :  $\pm 0.02$  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 :  $\pm 2000.0$  mV
- ORP Resolution : 0.1 mV
- ORP Accuracy :  $\pm 1.0$  mV
- ORP Calibration : automatic at one custom point (relative mV)
- mV Range :  $\pm 600.0$  mV
- mV Resolution : 0.1 mV
- mV Accuracy :  $\pm 0.5$  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  $\pm 1$  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  $\pm 0.01$  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  $\sigma_t$ ,  $\sigma_0$ ,  $\sigma_{15}$
- Salinity (Seawater Sigma) Resolution : 0.1  $\sigma_t$ ,  $\sigma_0$ ,  $\sigma_{15}$
- Salinity (Seawater Sigma) Accuracy :  $\pm 1$   $\sigma_t$ ,  $\sigma_0$ ,  $\sigma_{15}$
- 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 :  $\pm 0.15$   $^{\circ}\text{C}$ ;  $\pm 0.27$   $^{\circ}\text{F}$ ;  $\pm 0.15$  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 :  $\pm 3$  mm Hg within  $\pm 15\%$  from calibration point
- Atmospheric Pressure Calibration : automatic at one custom point

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