

Specification :

EC Range	0.00 to 29.99 $\mu\text{S}/\text{cm}$ 30.0 to 299.9 $\mu\text{S}/\text{cm}$ 300 to 2999 $\mu\text{S}/\text{cm}$ 3.00 to 29.99 mS/cm 30.0 to 200.0 mS/cm up to 500.0 mS (absolute EC)*
TDS Range	0.00 to 14.99 mg/L (ppm) 15.0 to 149.9 mg/L (ppm) 150 to 1499 mg/L (ppm) 1.50 to 14.99 g/L 15.0 to 100.0 g/L up to 400.0 g/L (absolute TDS) with 0.8 TDS factor*
Salinity Range	0.0 to 400.0% NaCl – Percent Scale 0.00 to 42.00 PSU – Practical Salinity Scale 0.0 to 80.0 g/L – Natural Seawater Scale
EC Resolution	0.01 $\mu\text{S}/\text{cm}$, 0.1 $\mu\text{S}/\text{cm}$, 1 $\mu\text{S}/\text{cm}$, 0.01 mS/cm , 0.1 mS/cm
TDS Resolution	0.01 mg/L (ppm), 0.1 mg/L (ppm), 1 mg/L (ppm), 0.01 g/L , 0.1 g/L (0.8 TDS factor)
Salinity Resolution	0.1% NaCl – Percent Scale 0.01 PSU – Practical Salinity Scale 0.01 g/L – Natural Seawater Scale
EC Accuracy @ 25°C/77°F	$\pm 1\%$ of reading ($\pm 0.5 \mu\text{S}/\text{cm}$ or 1 digit, whichever greater)
TDS Accuracy @ 25°C/77°F	$\pm 1\%$ of reading ($\pm 0.03 \text{ ppm}$ or 1 digit, whichever greater)
Salinity Accuracy @ 25°C/77°F	$\pm 1\%$ of reading for all scales
EC Calibration Points	EC 1 point cell factor calibration 1 point offset calibration with probe in air (0.00 $\mu\text{S}/\text{cm}$) TDS Through EC calibration NaCl 1 point
EC Temperature Compensation	No TC or ATC: -20.0 to 120.0°C; -4.0 to 248.0°F
EC Temperature Coefficient	0.00 to 6%/°C (for EC and TDS only) default value is 1.9%/°C
Electrode Condition	YES– Standard mode (pH only)
Electrode Response	YES– Standard mode (pH only)
Out of Calibration	YES– Standard mode (pH only)

Range	
EC and NaCl Standards	EC 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 5.00 mS/cm , 12.88 mS/cm , 80.0 mS/cm , 111.8 mS/cm NaCl HI 7037 100% NaCl seawater standard
TDS Factor	0.40 to 0.80 (default value is 0.50)
Temperature Range [°C/°F]	-20.0 to 120.0°C; -4.0 to 248.0°F
Temperature Accuracy @ 25°C/77°F	$\pm 0.5^\circ\text{C}$; $\pm 1.0^\circ\text{F}$
°C/°F	YES
GLP	YES
Keyboard	9 Keys (on/off, 8 dedicated)
Log Feature	Up to 1000 records organized in Manual Log on demand (Max. 200 logs), Manual log on Stability (Max. 200 logs), Interval logging with up to 100 lots (Max. 600 logs/lot)
Storage Interface	USB
PC Interface	Micro USB
Power Supply	5 VDC
Dimensions	202 x 140 x 12.7 mm (8" x 5.5" x .05")
Weight	250 grams (8.82 oz.)
*	with temperature compensation function disabled
**	temperature limits will be reduced to actual probe/sensor limits
***	pH 3.00 is only visible when using specific pH electrodes and will replace pH 4.01 buffer