



Multi parameter monitor Hi 9829



pH/mV Range	0.00 to 14.00 pH/± 600.0 mV
Resolution	0.01 pH/ 0.1 mV
Accuracy	±0.02 pH/ ±0.5 mV
Calibration	automatic one, two or three points with automatic (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)
EC Range	0 to 200 mS/cm (absolute EC up to 400 mS/cm)
EC Resolution	Manual: 1µS/cm; 0.001 mS/cm; 0.01 mS/cm; 0.1 mS/cm from 10.00 to 99.99 mS/cm; 0.1 mS/cm from 0.000 to 9.999 mS/cm; 0.01 mS/cm from 100.00 to 999.99 mS/cm
Accuracy	±1% of reading or ± 1µS/cm whichever is greater



EC Calibration	automatic single point, with six standard solutions (3.0 mS/cm, 111.8 mS/cm) or custom point
TDS Range	0 to 400.0 ppt (g/L) (the maximum value depends on the selected resolution)
TDS Resolution	manual: 1 ppm (mg/L); 0.001 ppt (g/L); 0.1 ppt (g/L); 0.01 ppt (g/L) from 10.00 to 99.99 ppt (g/L); automatic ppt (g/L): 0.001 ppt (g/L) from 0.001 to 100.0 ppt (g/L) from 100.0 to 400.0 ppt (g/L)
TDS Accuracy	±1% of reading or ±1 ppm (mg/L) whichever is greater
TDS Calibration	based on conductivity or salinity calibration
Resistivity Range	0 to 999999 Ω.cm; 0 to 1000.0 kΩ.cm; 0 to 1.000 MΩ.cm
Resistivity Resolution	dependent on resistivity reading
Resistivity Calibration	based on conductivity or salinity calibration
Salinity Range	0.00 to 70.00 PSU
Salinity Resolution	0.01 PSU
Salinity Accuracy	±2% of reading or ±0.01 PSU whichever is greater
Salinity Calibration	based on conductivity calibration

Seawater σ Range	0.0 to 50.0 σ_t , σ_0 , σ_{15}
Seawater σ Resolution	0.1 σ_t , σ_0 , σ_{15}
Seawater σ Accuracy	$\pm 1 \sigma_t$, σ_0 , σ_{15}
Seawater σ Calibration	based on conductivity or salinity calibration
Temperature Range	-5.00 to 55.00°C
Temperature Resolution	0.01°C
Temperature Accuracy	$\pm 0.15^\circ\text{C}$
Temperature Calibration	Automatic at one custom point
Additional Specifications	
Maximum probe immersion	Depth - 20 metres
Temperature compensation	automatic from -5 to 55°C
Logging Memory	45,000 records (continuous logging or log-on de
Logging Interval	one second to three hours

PC Connectivity	via USB (with Hanna PC software)
Environment	0 to 50°C; RH 100% IP67
Battery Type/Life	1.5V AA batteries (4)/approximately 360 hours of operation
Dimensions/Weight	185 x 93 x 35.2 mm/400g
Ordering information:	HI-98195 is supplied with HI-7698195/4 multiparameter EC sensor, HI-9828-20 quick calibration solution, HI-9828-20 quick calibration beaker, HI-9298194 Hanna PC software, HI-98195 instruction manual, quick start guide, quality certificate