



HI 991300C • HI 991301C pH, Conductivity, TDS & Temperature Waterproof Meters

- Measure 4 parameters with 1 probe
- Waterproof
- Automatic Temperature Compensation
- Automatic Calibration
- Shockproof Rubber Boot Included





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pH/Conductivity/TDS/Temperature Waterproof Meters

Hanna offers you a choice of two instruments to meet your water testing requirements. The HI 991300C and HI 991301C offer you the combination of pH, conductivity, TDS and temperature measurements in °F or °C. To increase accuracy, select the instrument that works best with your range of measurement.

With only two buttons, the user can select testing parameters, calibrate the sensor, and change the TDS factor and temperature coefficient (BETA). The housing is waterproof and rated for IP 67 conditions. The multi-functional industrial probe houses the pH and conductivity sensor along with an integrated solid state amplifier to eliminate noise and interference.

The HI 991300C and HI 991301C are supplied with a shockproof rubber boot for maximum impact protection and a rugged carrying case.



Specifications		HI 991300C	HI 991301C
Range	pH	0.00 to 14.00	0.00 to 14.00
	Conductivity	0 to 3999 µS/cm	0.00 to 20.00 mS/cm
	TDS	0 to 2000 ppm	0.00 to 10.00 ppt
	Temperature	32.0 to 140.0°F or 0.0 to 60.0°C	32.0 to 140.0°F or 0.0 to 60.0°C
Resolution	pH	0.01	0.01
	Conductivity	1 µS/cm	0.01 mS/cm
	TDS	1 ppm	0.01 ppt
	Temperature	0.1°F or 0.1°C	0.1°F or 0.1°C
Accuracy (@ 20°C/68°F)	pH	±0.01	±0.01
	Conductivity/TDS	±2% F.S.	±2% F.S.
	Temperature	±1.0°F or ±0.5°C	±1.0°F or ±0.5°C
Typical EMC Deviation	pH	±0.03	±0.03
	Conductivity/TDS	±2% F.S.	±2% F.S.
	Temperature	±1.0°F or ±0.5°C	±1.0°F or ±0.5°C
Conductivity/TDS Ratio	Selectable from 0.45 to 1.00 (0.50 default); step is of 0.01 unit		
pH Calibration	Automatic 1 or 2 points with 2 sets of memorized standard buffers (pH 4.01, 7.01, 10.01, or pH 4.01, 6.86, 9.18)		
Conductivity/TDS Calibration	Automatic 1 point at 1382 ppm (conv.=0.5); 1500 ppm (conv.=0.7); 1413 µS/cm (others)	Automatic 1 point at 6.44 ppt (conv.=0.5); 9.02 ppt (conv.=0.7); 12880 µS/cm (others)	
Temperature Compensation	pH: Automatic from 0 to 60°C; EC/TDS: Automatic from 0 to 60°C with a selectable β from 0.0 to 2.4% per °C (1.9 default); step is 0.1 unit		
Probe	HI 1288 pH/conductivity/TDS probe with built-in temperature sensor, DIN connector and 1 m (3.3') cable (included)		
Environment	32 to 122°F (0 to 50°C); RH 100%		
Battery Type/Life	4 x 1.5V AAA/approximately 500 hours of continuous use		
Dimensions	5.6 x 3.1 x 1.5" (143 x 80 x 38 mm)		
Weight	11.3 oz. (320 g)		

Ordering Information

HI 991300C is supplied complete with HI 1288 pH/EC/TDS/°C probe, batteries, shockproof rubber boot, and instruction manual in a hard carrying case.

HI 991301C is supplied complete with HI 1288 pH/EC/TDS/°C probe, batteries, shockproof rubber boot, and instruction manual in a hard carrying case.

Recommended Accessories

- HI 1288pH/conductivity/TDS/°C probe
- HI 70004PpH 4.01 cal. sol., 25 x .68 oz. (20 mL)
- HI 70030P12880 µS/cm cal. sol., 25 x .68 oz. (20 mL)
- HI 70007PpH 7.01 cal. sol., 25 x .68 oz. (20 mL)
- HI 77100P1413 µS/cm & pH 7 sol., .68 oz. (20 mL), 10 pcs ea.
- HI 70010PpH 10.01 cal. sol., 25 x .68 oz. (20 mL)
- HI 77300P1382 ppm & pH 7 sol., .68 oz. (20 mL), 10 pcs ea.
- HI 77400PCal. kit, pH 4 & 7, .68 oz. (20 mL), 5 pcs ea.
- HI 70038P6.44 ppt cal. sol., 25 x .68 oz. (20 mL)
- HI 710008Orange shockproof rubber boot
- HI 77200P1500 ppm & pH 7 sol., 20 mL, 10 pcs ea.
- HI 710004Soft carrying case

Hanna Solutions are available in different sizes to fit any application.



Authorized Distributor: