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HI-991300 waterproof pH & conductivity

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Hanna's new HI-991300 waterproof multiparameter instrument measures pH, conductivity, TDS (total dissolved solids) and temperature in one easy to use meter, utilising a single probe. HI-991300 measures low range conductivity and TDS.

The instrument provides full-scale pH readings and allows the user to select the temperature readout in centigrade or fahrenheit. Other features include automatic calibration, automatic temperature compensation, selectable EC/TDS conversion factor, and adjustable conductivity temperature coefficient, dual-level LCD, stability indicator, Battery Error Prevention System and battery percentage gauge indicating battery strength.

All functions are accomplished with only two buttons. When the instrument is switched on, percentage of battery power remaining is illuminated on the display preventing unexpected battery failures in the field.

Calibration is quick and simple at one or two points and the user can select between the instruments memorised NIST or standard pH buffers. Conductivity and TDS calibration is also automatic with five programmed values to choose from.

Depending on the application, the user can select the conversion factor between conductivity and TDS, as well as the temperature coefficient. All calibration and user settings are maintained even during battery replacement. The HI-1288 multiparameter probe complements the meters outstanding features. The pH sensor utilises gel electrode and cloth junction for longer life, faster response and greater durability. The conductivity /TDS sensor is made of made of graphite. This new technology eliminates oxidation and polarisation errors, which are the main causes for erroneous readings and frequent calibration. For added protection, the probe is housed in a rugged plastic sheath with reinforced rubber cable and stainless steel DIN connector.

Specifications

HI-991300

Range	0.00 to 14.00 pH, 0.0 to 60.0-degree c, 0 to 3999uS/cm (EC), and 0 to 2000ppm (TDS)
Resolution	0.01ph, 0.1degree c, 1uS/cm, 1ppm.
Accuracy	+/-0.01 pH, +/-0.5 degree c, +/-2%Full scales (EC/TDS)
PH calibration	automatic
EC/TDS calibration	automatic
Probe connector.	HI-1288 pH/EC/TDS probe with build it temperature sensor DIN
Dimensions	143 x 80 x 38mm
Weight	320g