

Portable pH/EC/TDS and temperature

part no: HI 991300

Laboratory

Measuring pH, conductivity, total dissolved solids and temperature in one slim lightweight casing and with one single probe - the HI 991300 is an ideal portable pH tester.

Supplied with

- HI1288 multiparameter probe
- Starter kit of pH, calibration and electrode cleaning solution sachets
- Batteries
- Instructions



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Ideal portable pH

- **Multi level LCD display**
 - Display gives simultaneous measurement with temperature in either °C or °F
 - On screen tutorial messages for calibration & set up
 - % battery displayed on start up
- **Automatic temperature compensation**
- **Slimline waterproof casing**
- **Simple 2 button operation**
 - HOLD button freezes readings on display for manual recording
 - Select the range of calibration buffers and temperature scale required
- **Battery error prevention system (BEPS) helps to ensure instrument is in optimum working order**



Measures pH, EC/TDS and temperature with single multiparameter probe

HI 1288 multiparameter probe

Supplied as standard, the HI 1288 multiparameter probe includes pH, EC/TDS and temperature measurement in one convenient, rugged probe.

Key features:

- Integrated with a solid-state pre-amplifier built into the handle to ensure against interference from transient electrical noise
- Amperometric conductivity probe
- Built-in temperature sensor
- Easy clean and keep clean design
- For spares, quote part number HI 1288



pH

Accessories and Solutions for the HI 991300 meter

Protective rubber holsters are a popular option for the HI 991300 meter. Available in either Blue or Orange rubber they encase the meter in a flexible neoprene shell and offer protection against accidental damage resulting from drops and spills. When used in the field the rubber holsters make the meters easy to hold with wet hands.



HI 710023

Holster in Orange



HI 710024

Holster in Blue



HI 1288

Spare/replacement multiparameter probe on 1m cable

Specifications

Product Code		HI 991300
Range	pH	0.00 to 14.00 pH
	EC	0 to 3999 $\mu\text{S}/\text{cm}$
	TDS	0 to 2000 ppm (mg/L)
	Temperature	0.0 to 60.0°C
Resolution	pH	0.01 pH
	EC	1 $\mu\text{S}/\text{cm}$
	TDS	1 ppm
	Temperature	0.1°C
Accuracy	pH	± 0.01 pH
	EC	$\pm 2\%$ F.S.
	TDS	$\pm 2\%$ F.S.
	Temperature	$\pm 0.5^\circ\text{C}$
TDS Conversion Factor		selectable 0.45 to 1.00 with 0.01 increments (default 0.50)
pH Calibration		automatic at 1 or 2 points with 2 sets of memorized standard (pH 4.01/7.01/10.01 or 4.01/6.86/9.18)
EC/TDS Calibration		automatic, 1 point at 1382 ppm (CONV 0.5) at 1500 ppm (CONV 0.7)
Temperature Compensation	pH	Automatic
	EC/TDS	Automatic with selectable B from 0.0 to 2.4%/°C with 0.1 increments
Probe		HI 1288, pH/EC/TDS/T, DIN connector, 1 m (3.3') cable (included)
Power Supply		4 x 1.5V AAA / approx. 500 hours of continuous use
Environment		0 to 50°C ; RH max 100%
Dimensions / Weight		150 x 80 x 36 mm / 210 g

Calibration solutions are available for pH, conductivity and TDS



HI 7004L

500ml bottle of pH4 buffer solution



HI 7007L

500ml bottle of pH7 buffer solution



HI 7010L

500ml bottle of pH10 buffer solution



HI 7030L

500ml bottle of 12880uS/cm conductivity solution



HI 7031L

500ml bottle of 1413uS/cm conductivity solution



HI 7032L

500ml bottle of 1382ppm (mg/L) TDS solution



HI 70442L

500ml bottle of 1500 ppm (mg/L) TDS solution



HI 70300L

500ml bottle of electrode storage solution



HI 7061L

500ml bottle of electrode cleaning solution



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.