

ENVIRONMENTAL MONITORING

Sheen



REF. HI-98128 POCKET WATERPROOF pH METER
REF. HI-98311 POCKET WATERPROOF CONDUCTIVITY / TDS METER



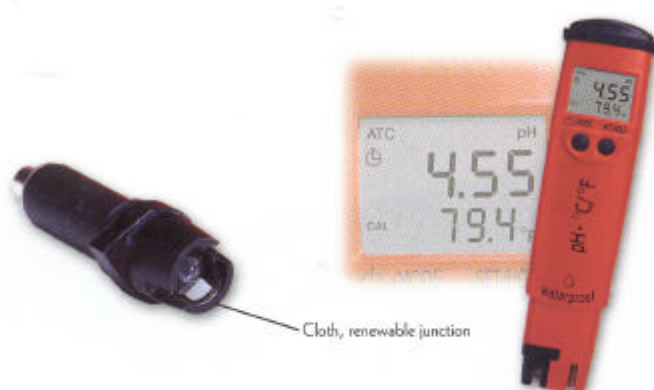
HI-98128 POCKET WATERPROOF pH METER

This new waterproof pocket pH meter has a dual-level LCD that displays pH and °C or °F. At startup it performs a self check then displays the remaining battery level to assure proper working condition, it also features a stability indicator / hold feature to prompt the user when to take the reading & freeze the display for easy and accurate recording.

The meter has a stainless steel temperature probe for faster and more precise temperature measurement and auto-compensation, 1 or 2 point calibration is made simple with automatic recognition of both standard and NIST buffer sets. The pH electrodes have an extendible reference junction and when the electrode is finally exhausted the electrode cartridge can be removed and a replacement fitted.

FEATURES

- Dual level display shows pH and °C
- Battery life indication
- Replaceable pH electrode
- Waterproof and floating case
- Automatic calibration



HI-98311 POCKET WATERPROOF CONDUCTIVITY METER

This new waterproof pocket conductivity meter has a dual-level LCD that displays EC or TDS (Total Dissolved Solids) and °C or °F and has the same operating feature as the pH version. Calibration and temperature compensation is automatic, while the EC / TDS conversion factor and temperature coefficient factor are user adjustable for application specific measurements. This advanced meter also features a graphite electrode to provide the greatest possible accuracy as they cannot be contaminated by salt deposits in the solution and when the electrode finally is exhausted the electrode cartridge can be removed and a replacement fitted.

The HI-98311 is supplied complete with EC/TDS Probe (HI 73311), 4 x 1.5V batteries and electrode replacement tool (HI 73128).

SPECIFICATIONS

HI-98128 pH Meter	
Range	pH : 0.00 to 14.00 Temperature : 0.0 to 60.0°C
Resolution	pH : 0.01 Temperature : 0.1
Accuracy (@ 20°C/68°F)	pH : ±0.05 Temperature : ±0.5 °C
Calibration	Automatic 1 or 2 point with 2 sets of memorised buffers (pH 4.01/7.01/10.01 or pH 4.01/6.86/9.18)
Temperature Compensation Environment	Automatic (user may disengage) 0 to 50°C (32 to 122°F); R.H. 100%
Battery Type / Life	4 x 1.5V with BEPS (battery error prevention system) / 350 hours
Auto Shut-off	After 8 minutes
LCD	Custom, dual-level
Casing	Waterproof, 100% buoyancy
Stability Indicator	Illuminates when pH reading is stable
Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1.0")
Weight	85 g (3 oz.)
Spare Electrode	HI 73127 (Electrode guarantee 6 months)
HI-98311 Conductivity Meter	
Range	EC : 0 to 3999 µS/cm TDS : 0 to 2000 ppm Temperature : 0.0 to 60.0 °C / 32.0 to 140.0 °F
Resolution	EC : 1 µS/cm TDS : 1 ppm Temperature : 0.1 °C or 0.1 °F
Accuracy (@ 20°C/68°F)	EC : ±2% Full Scale TDS : ±2% Full Scale Temperature : ±0.5 °C or ±1 °F
Temperature ±0.5 °C or ±1 °F	EC : ±2% Full Scale TDS : ±2% Full Scale Temperature : ±1 °C or ±2 °F
EC / TDS Calibration	Automatic - 1 point at 1413 µS/cm
EC / TDS Conversion Factor	Adjustable from 0.45 to 1.00
Temperature Compensation Environment	BETA (β) = adjustable from 0.0 to 2.4 per °C in increments of 0.1 0 to 50°C (32 to 122°F); R.H. 100%
Battery Type / Life	4 x 1.5V / 100 hours
Auto Shut-off	After 8 minutes
Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1.0")
Weight	85 g (3 oz.)
Spare Electrode	HI 73311 (Electrode guarantee 6 months)

Owing to continuous development, we reserve the right to introduce improvements and modify specifications without prior notice.

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