

High-performance multi-parameter bench meter

This is a logging micro-processor-based pH ORP, Conductivity, TDS, NaCl and temperature bench meter.

A relative mV feature is also included.

Main Benefits

- Simultaneous measurement of pH, Conductivity & temperature using separate sensors (supplied)
- Log-on demand of up to 200 readings
- Extra-wide temperature range
- USB connection for data download

Product Specifications

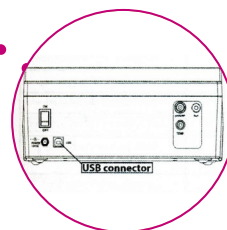
Product Code		HI-2550
Range	pH/ORP	-2.00 to 16.00 pH; -2.000 to 16.000 pH / ± 999.9 mV (ISE & ORP); ± 2000 mV (ISE & ORP)
	EC	0.00 to 29.99 $\mu\text{S/cm}$; 30.0 to 299.9 $\mu\text{S/cm}$; 300 to 2999 mS/cm 3.00 to 29.99 mS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm actual EC
	TDS	0.00 to 14.99 ppm; 15.0 to 149.9 ppm; 150 to 1499 ppm; 1.50 to 14.99 g/L; 15.0 to 100.0 g/L; up to 400.0 g/L actual TDS
	NaCl	0.0 to 400.0% NaCl
	Temperature	20.0 to 120 I (pH, EC range)
Resolution	pH/ORP	0.01 pH; 0.001 pH / 0.1 mV ± 1000.0 mV; 1 mV (± 2000 mV)
	EC	0.01 $\mu\text{S/cm}$; 0.1 $\mu\text{S/cm}$; 1 $\mu\text{S/cm}$; 0.01 mS/cm; 0.1 mS/cm
	TDS	0.01 ppm; 0.1 ppm; 1 ppm; 0.01 g/L; 0.1 g/L
	NaCl	0.1% NaCl
	Temperature	0.1 $^{\circ}\text{C}$
Accuracy (@20 I)	pH/ORP	± 0.01 pH; ± 0.002 pH / ± 0.2 mV (± 999.9 mV); ± 1 mV (± 2000 mV)
	EC	$\pm 1\%$ of reading $\pm (0.05$ $\mu\text{S/cm}$ or 1 digit)
	TDS	$\pm 1\%$ of reading $\pm (0.03$ ppm or 1 digit)
	NaCl	$\pm 1\%$ of reading
	Temperature	$\pm 0.4^{\circ}\text{C}$ (excluding probe error)
Relative mV Offset Range		± 2000 mV
Calibration	pH	1, 2, 3, 4 or 5 point calibration, 7 standards, (1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) and 2 custom buffers
	EC	automatic, 1 point, with 6 memorised values (84.0 and 1413 $\mu\text{S/cm}$; 5.00, 12.88, 80.0 and 111.8 mS/cm)
	NaCl	automatic, 1 point, with HI-7037L calibration solution
Temperature Compensation		manual or automatic, -20.0 to +120.0 $^{\circ}\text{C}$ for pH; -20.0 to +120.0 $^{\circ}\text{C}$ for EC; (can be disabled for measuring actual EC and TDS values)
Temperature Coefficient		0.00 to 6.00 $^{\circ}\text{C}$ (EC and TDS only); default value: 1.90 $^{\circ}\text{C}$
TDS Conversion Factor		0.40 to 0.80; default value: 0.50
pH Electrode		HI-1131B (included)
EC Probe		HI-76310 (included)
Temperature Probe		HI-7662 (included)
PC Connection		opto-isolated USB
Data Logging		200 samples
Log Interval Feature		500 records stability logging 5, 10 , 30 seconds 1, 2, 5, 10, 15, 30, 60, 120, 180 minutes
Power Supply		12 Vdc adapter (included)
Environment		0 to 50 $^{\circ}\text{C}$; RH max 95%
Dimensions		232 x 222 x 109 mm
Weight		1.3 kg kit with holders



Wide LCD display
with large digits



Electrode holder
stands included



Connection for USB
and multiple
electrodes



Supplied with pH
electrode, EC and
temperature probes

Product Uses



Pharmaceutical



University



Food and Drink



Water



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.