

Portable pH & ORP

part no: HI 9124

part no: HI 9125

pH • pH • pH • pH • pH

Water

HI 9124 and HI 9125 are rugged, high specification portable meters. Both measure pH but the HI 9125 offers the additional advantage of being able to measure ORP/Redox.

Heavy-duty waterproof casing combined with latest microprocessor technology makes these meters ideal for delivering laboratory grade results and accuracy under harsh industrial conditions.

Rugged, waterproof pH and Redox/ORP great for field application

Automatic temperature compensation

Extended pH and temperature range clearly displayed on large LCD display

Fully automatic buffer recognition

Memorises pH reading and recall on display

User-friendly text and graphics support calibration procedure without constant reference to a manual

User-selectable calibration time-out

Rubberised keyboard

Automatic pH calibration with five memorised pH buffer values and buffer recognition to simplify calibration

Battery error prevention system (BEPS)

Battery % remaining displayed on start up



HI 7662 stainless steel temperature sensor included as standard

Heavy-duty waterproof casing

HI 1230B double junction pH electrode minimises junction contamination and enhances accuracy (supplied as standard)

pH



for pH: select HI 9124 • • •

HI 9124 offers high specification pH testing in a strong portable casing

Choice of model



• • • for pH & ORP: select HI 9125

HI 9125 measures pH plus ORP in one rugged, high specification meter using optional HI 3230B ORP/Redox electrode

HI 9124 and HI 9125 are each supplied with:

HI 1230B pH electrode

HI 7662 temperature probe

Starter pack of buffer solutions

100 ml plastic beaker

Batteries and instructions

Electrodes

For spare and alternative electrodes order using the following part numbers:

pH: HI 1230B

ORP: HI 3230B

temperature: HI 7662

Solutions

We manufacture a range of solutions for the care, cleaning and calibration of your electrodes. For details see page 36.

Specifications

Product Code		HI 9124	HI 9125
Range	pH	-2.00 to 16.00 pH	-2.00 to 16.00 pH
	mV	-	±699.9 mV; ±1999 mV
	Temperature	-20 to +120°C	20.0 to 120.0°C
Resolution	pH	0.01 pH	0.01 pH
	mV	-	0.1 mV; 1 mV
	Temperature	0.1°C	0.1 °C
Accuracy	pH	±0.01 pH	±0.01 pH
	mV	-	0.1 mV; 1 mV
	Temperature	±0.4°C	±0.4 °C
pH Calibration		automatic 1 or 2 point with 5 memorized buffer values (4.01, 6.86, 7.01, 9.18, 10.01)	
Offset Calibration		±1 pH	
Slope Calibration		From 80 to 108%	
Temperature Compensation		automatic or manual, -20 to 120°C	
pH Electrode		HI-1230B, double junction, gel filled, BNC connector and 1 m cable (included)	
Temperature Probe		HI-7662 with 1 m (3.3?) cable (included)	
Input Impedance		10 ¹² Ohm	
Battery Type / Life		(3) 1.5V AAA rechargeable / approx 200 hours of continuous use (with backlight off); auto-off after 20 minutes of non-use (can be disabled)	
Environment		0 to 50°C; RH max 100%	
Dimensions		185 x 72 x 36 mm	
Weight		300 g	



Thank you for reading this data sheet.

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



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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.