

Water quality field meters

A range of ion-specific meters with single and combination probes suitable for use in field conditions.

Single parameter field meters



Electrical Conductivity



Dissolved Oxygen

Compact combination field meters



Compact pH/ORP



Compact 4-in-1 pH/EC/TDS/Temperature

Applications

- For simple and efficient water quality readings including surface water, groundwater and calibration check.
- Parameters include: DO / pH / ORP / EC / TDS / Temp

Benefits

- Simple to use
- Stable readings
- Low maintenance
- Re-useable

Design features

- Choice of 4 models
- IP67 floating plastic case
- LCD Displays
- Auto Calibration feature
- Replaceable electrodes
- Automatic shut-off
- Battery life indicator



Each meter is supplied in a handy carry case, complete with probe, cable, batteries, calibration solutions (where applicable) and full user's instructions.

Water quality field meters



Specifications

Model Number	HI-9835		HI-991300		HI-991301		HI-991003		HI-9146
Principal measurements	EC		pH		EC		pH		DO
Range/Scales	6 autoranging scales		Single		Single		Single		Single
	0.00 to 500mS/cm		0.0 to 14.00		0.0 to 3999		0.00 to 14.00		0.0 to 45.00 mg/l
	0.00 to 400 g/l		± 0.01		± 2% FS		± 0.02		0.0 to 300 %
Accuracy	1% of reading		± 0.01		± 2% FS		± 0.02		± 1.5% FS
Temperature range	0.0 to 60.0°C		0.0 to 60.0°C		0.0 to 60.0°C		-5 to 105°C		0.0 to 50.0°C
Temperature accuracy	± 0.4°C		± 0.5°C		± 0.5°C		± 0.5°C		± 0.5°C
Other measurements	Salinity (NaCl)		TDS		TDS		pH		ORP
Calibration	Automatic		Automatic		Automatic		Factory		Automatic
Temperature compensation	Automatic or manual		Automatic		Automatic		Automatic		Automatic
Battery type	4 x 1.5V AA		4 x 1.5V AAA		4 x 1.5V AAA		3 x 1.5V AA		4 x 1.5V AA
Battery life (approx hours)	150		500		500		1500		200
Power adapter (12V dc)	●								●
Auto-off	after 5 minutes		Automatic		Automatic		after 8 minutes		after 4 hours
Dimensions (mm)	185 x 70 x 35		150 x 80 x 36		150 x 80 x 36		150 x 60 x 35		185 x 70 x 35
Weight inc. battery (g)	370		210		210		225		370

Ordering information

Electrical Conductivity (EC) Meter

HI-9835 Waterproof EC/Temp/TDS/NaCL meter, ATC *, dual display, Autoranging EC scales (0 to 500 mS/cm)

Dissolved Oxygen (DO) Meter

HI-9146 Water Resistant DO meter, 1pt calibration, ATC *, dual display (0 to 45 mg/l; 0 to 300%)

HI-76407 A/P 7A/P Replacement DO membranes for HI-9146 (pack of 5)

Compact pH/ORP Meter

HI-991003 Compact and Waterproof pH / ORP Meter with combined electrode

Compact 4-in-1 pH/ EC/TDS/Temperature Meters

HI-991300 pH/EC/TDS/Temp Multi-parameter meter. Low Range EC (0-3999 uS/cm)

HI-991301 pH/EC/TDS/Temp Multi-parameter meter. High Range EC (0-19.99 mS/cm)

* ATC - Automatic Temperature Compensation

Accessories

Environmental Monitoring Kit

The Waterra Environmental Monitoring Kit includes 3 separate waterproof field meters, calibration solutions and customised attaché case for ease of use in the field.

For further details see product sheet PR33, available as pdf download from our website.



SAVE AT LEAST
12%
on costs of individual components

Sheffield LFC flow-through cell

An easy-to-use, modular flow-through cell for high quality field and laboratory water quality measurements requiring no air contact with the sample.

Can accommodate flow rates of 1 litre per minute or less - ideal for Low Flow groundwater sampling.

For further details see product sheet PR32, available as pdf download from our website.



Over 35%
off List Price
when ordered at the same time as an EMK!

Solutions

A range of high quality pre-mixed solutions in bottles or handy one-use sachets which are ideal for field use.

Sachets or bottles are available for calibration of pH, EC, TDS, DO and ORP.

Bottled solutions available for cleaning, electrode storage and electrolyte filling.

For further details see our website.

