

# Water testing

## Multiparameter Meter, HI98194

### HANNA

A portable, ruggedly constructed, multichannel meter and probe system.

- ◆ Provides measurement of conductivity, TDS, resistivity, salinity and seawater units, dissolved oxygen, pH/ORP, atmospheric pressure and temperature
- ◆ IP67-rated meter and IP68-rated probe suitable for depths up to 20 metres and temperatures between -5 and +55°C
- ◆ Auto-sensing of sensors within the probe
- ◆ Automatic logging with storage of up to 45000 samples
- ◆ GLP features include calibration time-out notification, calibration memory of five previous calibrations and reading validation
- ◆ High resolution, backlit dot matrix display
- ◆ Intuitive keypad with hard and virtual soft keys and multilingual menu prompts
- ◆ Easy sensor replacement
- ◆ Approximately 200 hours battery life

<b>Model</b>	HI98194	
<b>Ranges x resolution, accuracy</b>	<b>pH</b>	0.00 to 14.00 x 0.01, ±0.02
	<b>mV (rel. mV)</b>	-600.0 to +600.0 x 0.1, ±0.5
	<b>ORP (mV)</b>	-2000.0 to +2000.0 x 0.1, ±1.0
	<b>Oxygen %</b>	0.0 to 500.0 x 0.1, (up to 300.0%: ±1.5% of reading or ±1%, whichever is greater, ±3% of reading; rest of range)
	<b>ppm (mg/l)</b>	0.00 to 50.00 x 0.01, (up to 30.0ppm: ±1.5% of reading or ±0.1ppm, whichever is greater, ±3% of reading; rest of range)
	<b>Barometric pressure mm Hg</b>	450 to 850 x 0.1, ±3mm Hg within ±15°C from the temperature during calibration
	<b>mbar</b>	600.0 to 1133.2 x 0.1, ±3mbar within ±15°C from the temperature during calibration
	<b>Conductivity EC</b>	0.1µS to 400mS x 0.1 (manual or autoranging), ±1% of reading or ±1µS, whichever is greater
	<b>TDS</b>	1mg/l to 400g/l x 0.1 (manual or autoranging), ±1% of reading or ±1mg/l, whichever is greater
	<b>Salinity PSU</b>	0.00 to 70.00 x 0.01, ±2% of reading or ±0.01PSU, whichever is greater
	<b>Seawater σ</b>	0.0 to 50.0 σ <sub>t</sub> , σ <sub>θ</sub> , σ <sub>15</sub>
	<b>Specific resistance MΩcm<sup>-1</sup></b>	0 to 1.0000 x 0.0001 (autoranging: Ωcm <sup>-1</sup> , kΩcm <sup>-1</sup> , MΩcm <sup>-1</sup> )
	<b>Temperature (and ATC) °C (K)</b>	-5.00 to +55.00 x 0.01, ±0.15
	<b>°F</b>	23.00 to +131.00 x 0.01, ±0.27
<b>Logging</b>	45,000 records with one second to three hour intervals selectable	
<b>Output</b>	Opto-isolated micro USB port	
<b>Power supply</b>	4 x 1.5V AA batteries	
<b>Overall, H x W x D</b>	<b>mm</b>	185 x 93 x 36
<b>Weight</b>	<b>g</b>	400

#### Multiparameter meter, HI98194, Hanna

As described. Supplied with ABS and stainless steel probe housing containing replaceable pH, conductivity and dissolved oxygen sensors with reinforced, 4 metre cable\*, micro USB cable and downloading/data handling software for use on the user's computer, carrying case, instructions and 4 x 1.5V AA batteries.

**WR686-10** HI98194 Multiparameter meter

#### Accessories and spares

**WR687-04** Spare pH sensor

**WR687-08** Spare conductivity (EC) sensor

**WR687-12** Spare dissolved oxygen (DO) sensor

**WR687-16** Accessory pH/ORP sensor

**WR687-20** Spare sensor housing only, with 4m cable\*

**BL610-15** Spare battery, 1.5V (4 required)

\* Other cable lengths up to 20m are available - details on request.



WR686