

Low / High Range Conductivity pH and TDS Testers from HANNA

HI-98129
HI-98130

Popular multi purpose pocket meters

Key Features



Replaceable sensor,
extendable junction



Large, easy read
display



Floats to aid
retrieval



Supplied with full pack
of accessories

Product Uses



Hydroponics



Beer and brewing



Water quality



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The HI-98129 and HI-98130 are two of Hanna's most popular meters. With their high specifications and sensible pricing, they offer excellent value for money.

Each meter has the ability to measure conductivity, total dissolved solids, pH and temperature in one compact instrument. Fast, efficient and accurate, they are also fully waterproof and will float if dropped in water.

Main Benefits

- LCD indicates % battery power remaining on start-up
- Automatic calibration with two sets of memorised buffers for greater accuracy
- Choice of different Conductivity to TDS conversion ratios
- Dual level display shows pH or Conductivity / TDS with temperature

The difference between the two meters lies in the Conductivity and TDS range

HI-98129 - low range

Range: 0 to 3999 $\mu\text{S}/\text{cm}$; 0 to 2000 ppm plus pH & temperature

HI-98130 - high range

Range: 0.00 to 20.00 mS/cm ; 0.00 to 10.00 ppt plus pH & temperature



Product Specifications

Product Code		HI-98129	HI-98130
Range	pH	0.00 to 14.00	0.00 to 14.00
	EC	0 to 3999 $\mu\text{S}/\text{cm}$	0.00 to 20.00 mS/cm
	TDS	0 to 2000 ppm	0.00 to 10.00 ppt
	Temperature °C	0.0 to 60.0	0.0 to 60.0
	Temperature °F	30.0 to 140.0	30.0 to 140.0
Resolution	pH	0.01	0.01
	EC	1 $\mu\text{S}/\text{cm}$	0.01 mS/cm
	TDS	1 ppm	0.01 ppt
	Temperature	0.1°C	0.1°C
Accuracy	pH	± 0.05	± 0.05
	EC/TDS	$\pm 2\%$ F.S.	$\pm 2\%$ F.S.
	Temperature °C	± 0.5	± 0.5
	Temperature °F	± 1	± 1
Calibration	pH Automatic	1 or 2 points with 2 sets of memorised buffers, (pH 4.01/7.01/10.1 or pH 4.01/6.86/9.18)	1 or 2 points with 2 sets of memorised buffers, (pH 4.01/7.01/10.1 or pH 4.01/6.86/9.18)
	EC/TDS Automatic	1 point at 1413 $\mu\text{S}/\text{c}$, or 12.88 mS/cm	1 point at 1413 $\mu\text{S}/\text{c}$, or 12.88 mS/cm
Automatic Temperature Compensation		Yes	Yes
Battery Type / Life		(4) 1.5V / 100 hours	(4) 1.5V / 100 hours
Battery Error Prevention System		Yes	Yes
Auto-off		After 8 minutes	After 8 minutes
Dimension		163 x 40 x 26 mm	163 x 40 x 26 mm
Weight		100 g	100 g

Low & High Range Pocket EC, TDS & °C Meters from HANNA

HI-98311
HI-98312

3 in 1 advanced waterproof testers that float

Key Features



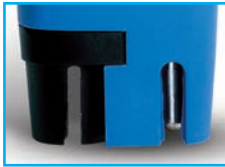
Dual level display for simultaneous readings



Bright floating waterproof case



Replaceable graphite electrode snap-in connector



Direct contact temperature probe

Product Uses



Boilers and cooling towers



Hydroponics and greenhouses



Font solution measurement in litho printing

With an impressive range of features, these two popular pocket testers are unmatched in the market for EC/TDS temperature measurement.

Designed for ease of use with a floating, waterproof case, both testers measure conductivity (EC) and total dissolved solids (TDS); offer automatic calibration and temperature compensation; and have replaceable electrodes. The difference lies purely in their range.



HI-98311

Low range tester for measuring samples such as clean water and tap water.

HI-98312

High range tester for measuring samples such as waste water and boiler water

DiST[®] 5
& **DiST[®] 6**



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Product Specifications

Product Code		HI-98311	HI-98312
Range	EC	0 to 3999 μ S/cm	0.00 to 20.00 mS/cm
	TDS	0 to 2000 ppm	0.00 to 10.00 ppt
	Temperature	0.0 to 60.0°C	0.0 to 60.0°C
Resolution	EC	1 μ S/cm	0.01 mS/cm
	TDS	1 ppm	0.01 ppt
	Temperature	0.1°C	0.1°C
Accuracy @ 20°C	EC	\pm 2% F.S.	\pm 2% F.S.
	TDS	\pm 2% F.S.	\pm 2% F.S.
	Temperature	\pm 0.5°C	\pm 0.5°C
Calibration		automatic, 1 point at 1413 μ S/cm or 1382 ppm	automatic, 1 point at 12.88 mS/cm or 6.44 ppt
TDS Conversion Factor		adjustable from 0.45 to 1.00	
Temperature Compensation		automatic, with β adjustable from 0.0 to 2.4% / °C	
Environment		0 to 50°C ; RH max 100%	
Battery Type		4 x 1.5V with BEPS	
Battery Life		approx. 100 hours of continuous use, auto-off after 8 minutes of non-use	
Dimensions		163 x 40 x 26 mm	
Weight		100 g	