

HI 98311 • HI 98312

EC/TDS/ Temperature Testers

- Waterproof and it floats!
- High accuracy
- Automatic calibration and temperature compensation
- HOLD function
- BEPS (Battery Error Prevention System)

When the original DIST® (Dissolved Solids Tester) was first introduced, conductivity and total dissolved solids measurements became easy and affordable. The DIST's ease of use, in combination with its affordability made it the standard in EC and TDS measurement. HANNA continues the standard in EC and TDS testing with the DIST®5 and DIST®6.

These testers include features such as: a replaceable graphite electrode, adjustable TDS ratio, °C or °F measurement, Automatic Temperature Compensation (ATC) with adjustable β , battery level indicator, stability indicator, automatic shut-off and automatic calibration.

The graphite conductivity electrode provides greater accuracy because it resists contamination by salt deposits in the sample.

All of these features are packed in a floating, waterproof casing. These 3-in-1 testers are unmatched in EC/TDS/temperature measurements.

DIST®5
& DIST®6

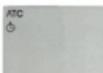
On-screen battery life
LCD indicates the percentage of battery power remaining upon startup.



Adjustable temperature coefficient
For more precise temperature compensated measurements users can choose between different BETA (β) factors.



Adjustable TDS ratio
For measurement accuracy, users can choose between different conductivity to TDS conversion factors.



Instability and ATC indicators
Ensures reliable EC and TDS measurements. ATC symbol is shown when active.



- **Replaceable graphite electrode**
An easy-to-replace graphite electrode with a sturdy, snap-in connector means there are no pins to bend or break.

ORDERING INFORMATION

HI 98311 (DIST®5) and HI 98312 (DIST®6) are supplied with HI 73311 EC/TDS probe, HI 7312B probe removal tool, batteries and instructions.

PROBES

HI 73311 Spare probe

SOLUTIONS

HI 70030P	12.88 mS/cm calibration solution, 20 mL sachets (25)
HI 70031P	1413 μ S/cm calibration solution, 20 mL sachets (25)
HI 70032P	1382 mg/L (ppm) calibration solution, 20 mL sachets (25)
HI 70038P	6.44 g/L (ppt) calibration solution, 20 mL sachets (25)
HI 70442P	1500 mg/L (ppm) calibration solution, 20 mL sachets (25)

ACCESSORIES

HI 7312B Probe removal tool

SPECIFICATIONS	HI 98311 (DIST®5)	HI 98312 (DIST®6)
EC	0 to 3999 μ S/cm	0.00 to 20.00 mS/cm
Range	TDS 0 to 2000 mg/L (ppm)	0.00 to 10.00 g/L (ppt)
	Temperature 0.0 to 60.0°C / 32.0 to 140.0°F	
Resolution	EC 1 μ S/cm	0.01 mS/cm
	TDS 1 mg/L (ppm)	0.01 g/L (ppt)
	Temperature 0.1°C / 0.1°F	
Accuracy (@20°C)	EC \pm 2% F.S.	
	TDS \pm 2% F.S.	
	Temperature \pm 0.5°C / \pm 1°F	
Calibration	automatic, one point at 1413 μ S/cm or 1382 mg/L (ppm)	automatic, one point at 12.88 mS/cm or 6.44 g/L (ppt)
TDS Conversion Factor	adjustable from 0.45 to 1.00	
Temperature Compensation	automatic, with β adjustable from 0.0 to 2.4% / °C	
Probe	HI 73311 replaceable EC/TDS graphite electrode (included)	
Environment	0 to 50°C (32 to 122°F); RH max 100%	
Battery Type / Life	1.5V (4) / approximately 100 hours of continuous use, auto-off after 8 minutes of non-use	
Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1.0")	
Weight	100 g (3.5 oz.)	

For a complete list of Solutions, see the end of Conductivity Section 6.