

NEW

DiST[®] 5 and DiST[®] 6

Testers

EC/TDS/Temperature Testers Beyond Expectations!

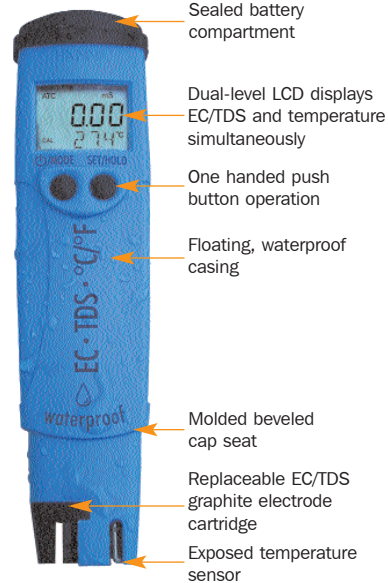
Features ...


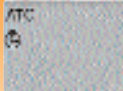
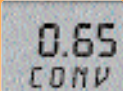
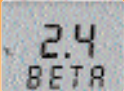
The original DiST[®] (Dissolved Solids Tester) was first introduced in 1986 by Hanna Instruments. Since then, the measurement of Conductivity and Total Dissolved Solids has never been easier. The DiST's ease-of-use in combination with its affordability made it the standard in EC and TDS measurement. Hanna Instruments continues the tradition of innovation with the new DiST[®] 5 and DiST[®] 6. We at Hanna have always valued the comments and suggestions coming from our customers. For this new series, we have included all the features you have asked for and more! The DiST[®] 5 and DiST[®] 6 include features such as a replaceable graphite electrode, adjustable TDS ratio, temperature in °C or °F, automatic temperature compensation with adjustable β, battery level indicator, stability indicator, automatic shut-off and automatic calibration all in a floating, waterproof casing. This 3-in-1 tester is unmatched in EC/TDS/Temperature measurement!



... and Benefits

Specifications		DiST [®] 5 (HI 98311)	DiST [®] 6 (HI 98312)
Ranges	EC	0 to 3999 μS/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 or 32.0 to 140.0°F	0.0 to 60.0°C or 32.0 to 140.0°F
Resolution	EC	1 μS/cm	0.01 mS/cm
	TDS	1 ppm	0.01 ppt
	Temperature	0.1 °C or 0.1°F	0.1 °C or 0.1°F
Accuracy (@20°C/68°F)	EC	±2% F.S.	
	TDS	±2% F.S.	
	Temperature	±0.5°C or ±1°F	
Typical EMC Deviation	EC	±2% F.S.	
	TDS	±2% F.S.	
	Temperature	±0.5°C or ±1°F	
EC/TDS Calibration		Automatic 1 point	Automatic 1 point
EC/TDS Conversion Factor		Adjustable from 0.45 to 1.00	
Temperature Compensation		Automatic, BETA β is adjustable from 0.0 to 2.4%/°C	
Environment		From 0 to 50°C (32 to 122°F); RH 100%	
Battery Type / Life		4 x 1.5V with BEPS (battery error prevention system) / approx. 100 hours of continuous use; auto shut-off after 8 minutes of non-use	
Dimensions		163 x 40 x 26 mm (6.4 x 1.6 x 1.0")	
Weight		85 g (3.0 oz)	



<p>Battery Life Percentage Illuminated</p>  <p>When turned on, the LCD indicates the percentage of battery power remaining.</p>	<p>Stability & ATC Indicators</p>  <p>Stability of EC and TDS measurement is indicated by the timer symbol. The ATC symbol is shown when temperature compensation is active.</p>	<p>Adjustable TDS Ratio</p>  <p>For greater accuracy of measurement, the DiST[®] 5 & 6 allow the user to choose between different conductivity to TDS conversion factors.</p>	<p>Adjustable Temperature Compensation Factor</p>  <p>For more precise temperature compensated measurements, the DiST[®] 5 & 6 allow the user to choose between different BETA factors.</p>
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Ordering Information

HI 98311 (DiST[®] 5) is supplied complete with protective cap, 4 x 1.5V batteries, electrode removal tool and instructions.
 HI 98312 (DiST[®] 6) is supplied complete with protective cap, 4 x 1.5V batteries, electrode removal tool and instructions.

Accessories

HI 73311	Probe for HI 98311 & HI 98312	HI 70030P	12.88 mS/cm @ 25°C cal. kit (25 x 20 mL)
HI 70031P	1413 μS/cm @ 25°C cal. kit (25 x 20 mL)	HI 70442P	1500 ppm @ 25°C cal. kit (25 x 20 mL)
HI 70032P	1382 ppm @ 25°C cal. kit (25 x 20 mL)	HI 73128	Electrode removal tool
HI 70038P	6.44 ppt @ 25°C cal. kit (25 x 20 mL)		

For a complete range of calibration and maintenance solutions see section F and pages G 17 and G 18.