

HI 98311 • HI 98312 DiST⁵ & DiST⁶

Waterproof EC/TDS/ Temperature Testers

HANNA instruments® continues the tradition of innovation with the new DiST⁵ and DiST⁶. For this new series, we have included all the features you have asked for such as a replaceable graphite electrode, adjustable TDS ratio, temperature in °C or °F, automatic temperature compensation with adjustable b, battery level indicator, stability indicator, automatic shut-off, and automatic calibration all in a floating, waterproof casing. These 3-in-1 testers are unmatched in EC/TDS/ Temperature measurement!



SPECIFICATIONS	DiST ⁵ (HI 98311)	DiST ⁶ (HI 98312)
Range	EC: 0 to 3999 μ S/cm; TDS: 0 to 2000 ppm; Temperature: 0.0 to 60.0°C or 32.0 to 140.0°F	EC: 0.00 to 20.00 mS/cm; TDS: 0.00 to 10.00 ppt; Temperature: 0.0 to 60.0°C or 32.0 to 140.0°F
Resolution	EC: 1 μ S/cm; TDS: 1 ppm; Temperature: 0.1°C or 0.1°F	EC: 0.01 mS/cm; TDS: 0.01 ppt; Temperature: 0.1°C or 0.1°F
Accuracy(@20°C/68°F)	EC: \pm 2% F.S.; TDS: \pm 2% F.S.; Temperature: \pm 0.5°C or \pm 1°F	EC: \pm 2% F.S.; TDS: \pm 2% F.S.; Temperature: \pm 0.5°C or \pm 1°F
EC/TDS Calibration	Automatic 1 point	
EC/TDS Conv. Factor	Adjustable from 0.45 to 1.00	
Temp. Compensation	Automatic, BETA (β) is adjustable from 0.0 to 2.4%/°C	
Battery Type	(4) 1.5V with BEPS (Battery Error Prevention System)	
Battery Life	Approx. 100 hours of continuous use; auto shut-off after 8 minutes of non-use	
Environment	0 to 50°C (32 to 122°F); 100% RH	
Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1")	
Weight	85 g (3.0 oz.)	

ORDERING INFORMATION:

HI 98311 (DiST⁵) is supplied complete with protective cap, batteries, probe removal tool and instructions.

HI 98312 (DiST⁶) is supplied complete with protective cap, batteries, probe removal tool and instructions.

ACCESSORIES:

- HI 73311** Spare probe
- HI 70030P** 12.88 mS/cm calibration solution, (25) 20 mL sachets
- HI 70031P** 1413 μ S/cm calibration solution, (25) 20 mL sachets
- HI 70032P** 1382 ppm calibration solution, (25) 20 mL sachets
- HI 70038P** 6.44 ppt calibration solution, (25) 20 mL sachets
- HI 70442P** 1500 ppm calibration solution, (25) 20 mL sachets
- HI 73128** Probe removal tool



Original DiST[®] Series

EC and TDS Testers

- Automatic temperature compensation
- Graphite sensors
- Simple calibration

The Original DiST[®] family of testers are reliable pocket-sized instruments that provide quick and accurate readings at an affordable price. The graphite sensors of these meters offer better repeatability since they do not oxidize and Automatic Temperature

Compensation (ATC) assures that all readings are corrected to compensate for the effects of temperature.

DiST[®] 1 and DiST[®] 2 measure TDS, while DiST[®] 3 and DiST[®] 4 measure conductivity.

SPECIFICATIONS	DiST [®] 1 (HI 98300/HI 98301)	DiST [®] 2 [®] (HI 98302)	DiST [®] 3 (HI 98303)	DiST [®] 4 (HI 98304)
Range	0 to 1999 ppm (mg/L)	0.00 to 10.00 ppt (g/L)	0 to 1999 μ S/cm	0.00 to 19.99 mS/cm
Resolution	1 ppm (mg/L)	0.01 ppt (g/L)	1 μ S/cm	0.01 mS/cm
Accuracy(@20°C/68°F)	\pm 2% F.S.	\pm 2% F.S.	\pm 2% F.S.	\pm 2% F.S.
TDS Factor	0.65/0.5	0.5	-	-
Calibration Solution	HI 70032P/HI 70442P	HI 70038P	HI 70031P	HI 70039P/HI 70030P
Calibration	Manual 1 point through trimmer			
Temp. Compensation	Automatic from 0 to 50°C (32 to 122°F)			
Battery Type/Life	(4)1.5V/Approx. 150 hours of continuous use			
Environment	0 to 50°C (32 to 122°F); max. 95% RH			
Dimensions/ Weight	175 x 41 x 23 mm (7.9 x 1.8 x 1")/78 g (2.7 oz)			

ORDERING INFORMATION

HI 98300, HI 98301, HI 98302, HI 98303 and **HI 98304** are supplied with protective cap, batteries and instructions.

ACCESSORIES

- HI 7030M** 12.88 mS/cm@25°C cal solution, 250 mL
- HI 70030P** 12.88 mS/cm@25°C cal sol., (25) 20 mL sachets
- HI 7031M** 1413 μ S/cm @ 25°C cal solution, 250 mL
- HI 70031P** 1413 μ S/cm @ 25°C cal. kit (25) 20 mL sachets
- HI 7032M** 1382 ppm@25°C cal solution, 250 mL
- HI 70032P** 1382 ppm @ 25°C cal. kit, (25) 20 mL sachets
- HI 70442P** 1500 ppm @ 25°C cal. kit, (25) 20 mL sachets
- HI 70038P** 6.44 ppt @ 25°C cal. kit, (25) 20 mL sachets
- HI 7039M** 5000 μ S/cm @ 25°C cal. solution, 250 mL
- HI 70039P** 5000 μ S/cm @ 25°C cal. kit, (25) 20 mL sachets