

EC/TDS Tester with Sample Cell

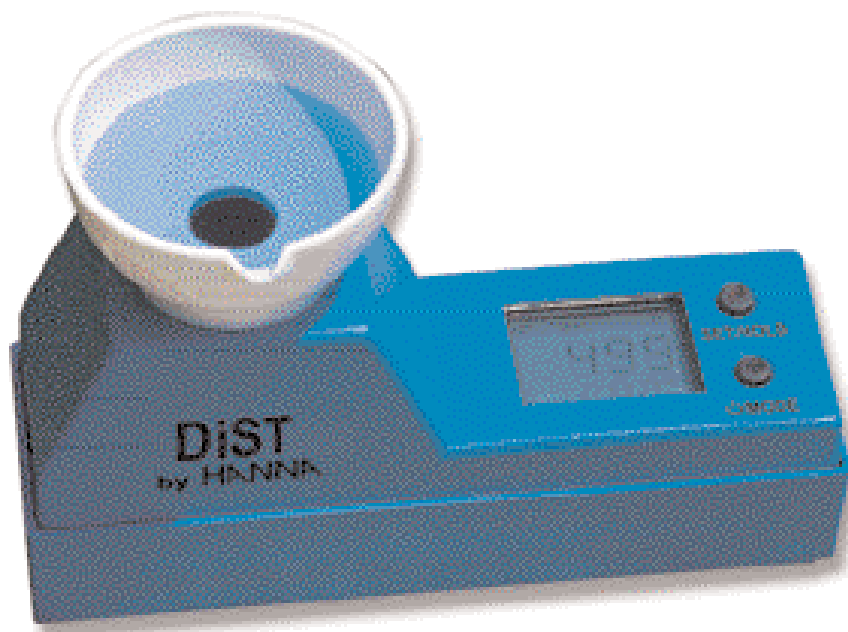


The DiST®7 & DiST®8 portable meters from HANNA instruments® are designed for quick and easy, high accuracy EC, TDS and temperature measurements. These new waterproof instruments features a dual-level LCD that displays EC or TDS and °C or °F. These microprocessor meters have been developed in direct response to the requests of users in water treatment, boilers and cooling towers, reverse osmosis and agriculture. The rugged, easy-to-use DiST®7 & DiST®8 feature an on board sample cell with built-in funnel, digital readout, push button automatic calibration and automatic temperature compensation. The EC/TDS conversion factor and temperature coefficient (β) are user adjustable for application-specific measurements.

At startup the DiST®7 & DiST®8 perform a self-check and then display the battery level to assure proper working condition. They also have a stability indicator and hold feature to prompt the user when to take the reading and freeze the display for easy and accurate recording.

Choose your model according to the EC/TDS range of your application:

- DiST®7: 0 to 3999 $\mu\text{S}/\text{cm}$ (EC); 0 to 2000 ppm (TDS)
- DiST®8: 0.00 to 20.00 mS/cm (EC); 0.00 to 10.00 ppt (TDS)



Specifications

		DiST®7	DiST®8
Range	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	0.0 to 60.0°C / 32.0 to 140.0°F	
Resolution	EC	1 $\mu\text{S}/\text{cm}$	0.01 mS/cm
	TDS	1 ppm	0.01 ppt
	Temperature	0.1°C / 0.1°F	
Accuracy (@20°C)	EC	±2% F.S.	
	TDS	±2% F.S.	
	Temperature	±0.5°C / ±1°F	
Calibration	automatic, 1 point		
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 (32 to 122°F); RH max 100%		
Battery Type / Life	4 x 1.5V AA / approx. 2000 hours of continuous use, auto-off after 8 minutes of non-use		
Dimensions	120 x 53 x 81 mm (4.7 x 2.1 x 3.2")		
Weight	205 g (7.2 oz.)		

Ordering Information

DiST®7 is supplied complete with calibration solution, batteries and instructions.

DiST®8 is supplied complete with calibration solution, batteries and instructions.

Accessories

HI 70030P	12880 $\mu\text{S}/\text{cm}$ calibration solution, 20 mL sachet, 25 pcs.	HI 7032M	1382 ppm calibration solution, 230 mL bottle
HI 7030M	12880 $\mu\text{S}/\text{cm}$ calibration solution, 230 mL bottle	HI 70038P	6.44 ppt calibration solution, 20 mL sachet, 25 pcs.
HI 70031P	1413 $\mu\text{S}/\text{cm}$ calibration solution, 20 mL sachet, 25 pcs.	HI 70442P	1500 ppm calibration solution, 20 mL sachet, 25 pcs.
HI 7031M	1413 $\mu\text{S}/\text{cm}$ calibration solution, 230 mL bottle	HI 70442M	1500 ppm calibration solution, 230 mL bottle
HI 70032P	1382 ppm calibration solution, 20 mL sachet, 25 pcs.		

For a complete range of calibration, cleaning and maintenance solutions, see section F.