DiST®

HI 98300 / 301 / 302
HI 98303 / 304

EC and TDS Testers with ATC



SPECIFICATIONS

Range / Resolution	
DiST®1 (HI98300/301)	1999 ppm / 1ppm
DiST®2 (HI98302)	10.00 ppt / 0.01ppt
DiST®3 (HI98303)	1999 µS/cm / 1µS/cm
DiST®4 (HI98304)	19.99 mS/cm / 0.01mS/cm
Accuracy (@20°C/68°F)	±2% f.s.
Typical EMC Deviation	± 1% f.s.
TDS Factor	
HI 98300	0.65
HI 98301 / HI 98302	0.5
Calibration Solutions	
HI 98300	**HI 70442** (1500 ppm)
HI 98301	**HI 70032** (1382 ppm)
HI 98302	**HI 70038** (6.44 ppt)
HI 98303	**HI 70031** (1413 µS/cm)
HI 98304	**HI 70039** (5.00 mS/cm) or **HI 70030** (12.88 mS/cm)
Temperature Compensation	Automatic, 0 to 50°C (32 to 122°F)
Environment	0 to 50°C (32 to 122°F); RH 95% non-condensing
Battery Type	4 x 1.5V alkaline
Battery Life	approx. 200 hours of use
Dimensions	175 x 41 x 23 mm (6.9 x 1.6 x 0.9")
Weight	95 g (3.4 oz.)

WARRANTY

These meters are guaranteed for one year against defects in workmanship and materials when used for their intended purpose and maintained according to instructions. Probes are guaranteed for six months. This warranty is limited to repair or replacement free of charge. Damages due to accident, misuse, tampering or lack of prescribed maintenance are not covered. If service is required, contact the dealer from whom you purchased the instrument. If under warranty, report the model number, date of purchase, serial number and the nature of the failure. If the repair is not covered by the warranty, you will be notified of the charges incurred. If the instrument is to be returned to Hanna Instruments, first obtain a Returned Goods Authorization Number from the Customer Service department and then send it with shipment costs prepaid. When shipping any instrument, make sure it is properly packaged for complete protection.

The DiST® models are in compliance with the CE directives.

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HANNA® instruments

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OPERATION

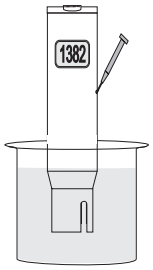


- Remove the protective cap, turn the **DiST®** on, and immerse it into the solution to be tested, without exceeding the maximum immersion level.
- Stir gently and wait for the reading to stabilize. **DiST®** automatically compensates for temperature variations.
- The reading on display is directly expressed in: ppm (mg/L) for **DiST®1** (**HI 98300 / 301**), ppt (g/L) for **DiST®2** (**HI 98302**), µS/cm for **DiST®3** (**HI 98303**) and mS/cm for **DiST®4** (**HI 98304**).

CALIBRATION

- Immerse the **DiST®** in the proper calibration solution (see Specifications table), without exceeding the maximum immersion level.
- Allow the reading to stabilize and with a small screwdriver adjust the calibration trimmer until the display shows the required solution value.

For example **HI 70032** is the correct calibration solution for **HI 98301**, and the trimmer should be turned until the display shows "1382".



PROBE REPLACEMENT

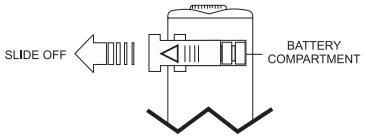
For replacing the probe, contact your Dealer or the nearest Hanna Service Center.

- Replace the built-in probe with a new:
  HI 73301 for **DiST®1**
  HI 73302 for **DiST®2**
  HI 73303 for **DiST®3**
  HI 73304 for **DiST®4**

BEPS AND BATTERY REPLACEMENT

DiS®T is provided with BEPS (Battery Error Preventing System), which avoids any erroneous reading due to low battery level, by switching the meter off.

To replace the batteries, slide off the battery compartment cover and replace all four 1.5V batteries while paying attention to their polarity.



Batteries should only be replaced in a non-hazardous area, and using the battery type specified in this instruction manual.

ACCESSORIES

HI 70030P	12880 µS/cm calibration solution, 20 mL sachet, 25 pcs
HI 70031P	1413 µS/cm calibration solution, 20 mL sachet, 25 pcs
HI 70032P	1382 ppm (mg/L) calibration solution, 20 mL sachet, 25 pcs
HI 70038P	6.44 ppt (g/L) calibration solution, 20 mL sachet, 25 pcs
HI 70039P	5000 µS/cm calibration solution, 20 mL sachet, 25 pcs
HI 70442P	1500 ppm calibration solution, 20 mL sachet, 25 pcs
HI 73301	Spare electrode for **DiST®1**
HI 73302	Spare electrode for **DiST®2**
HI 73303	Spare electrode for **DiST®3**
HI 73304	Spare electrode for **DiST®4**
HI 731326	Calibration screwdriver (20 pcs.)

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