

EC and TDS Testers

The DiST® testers are reliable, pocket-sized instruments that will give you quick and accurate readings of conductivity and TDS.

This popular line of Dissolved Solids Testers has been redesigned to offer a host of improvements.

The casing has been designed for increased strength, a better fit for holding and a large LCD for easy viewing. The graphite sensors provide better repeatability since they do not oxidize. The casing has been engineered to allow air bubbles to escape. The temperature sensor is exposed to provide faster response time.

HI 98300, HI 98301 (DiST®1) and HI 98302 (DiST®2) perform TDS measurements, while HI 98303 (DiST®3) and HI 98304 (DiST®4) provide conductivity readings.

If calibration is necessary, simply submerge the electrode tip into calibration solution and adjust the easily accessible trimmer on the side of the tester.



Ordering Information

HI 98300 (DiST® 1 with TDS factor = 0.65) is supplied complete with protective cap, screwdriver, batteries and instructions.

HI 98301 (DiST® 1 with TDS factor = 0.5) is supplied complete with protective cap, screwdriver, batteries and instructions.

HI 98302 (DiST® 2 with TDS factor = 0.5) is supplied complete with protective cap, screwdriver, batteries and instructions.

HI 98303 (DiST® 3) is supplied complete with protective cap, screwdriver, batteries and instructions.

HI 98304 (DiST® 4) is supplied complete with protective cap, screwdriver, batteries and instructions.



Specifications

| | HI 98300 / HI 98301 (DiST® 1) | HI 98302 (DiST® 2) | HI 98303 (DiST® 3) | HI 98304 (DiST® 4) |
|--------------------------|----------------------------------|--|-----------------------|-----------------------|
| Range | 1999 ppm (mg/L) | 10.00 ppt (g/L) | 1999 µS/cm | 19.99 mS/cm |
| Resolution | 1 ppm (mg/L) | 0.01 ppt (g/L) | 1 µS/cm | 0.01 mS/cm |
| Accuracy (@20°C/68°F) | ±2% F.S. | ±2% F.S. | ±2% F.S. | ±2% F.S. |
| TDS Factor | 0.65 / 0.5 | 0.5 | - | - |
| Calibration Solution | HI 70442 / HI 70032 | HI 70038 | HI 70031 | HI 70039 or HI 70030 |
| Calibration | manual, 1 point | manual, 1 point | manual, 1 point | manual, 1 point |
| Probe | HI 73301 | HI 73302 | HI 73303 | HI 73304 |
| Temperature Compensation | | automatic, 0 to 50°C (32 to 122°F) | | |
| Battery Type / Life | | 4 x 1.5V / approx. 200 hours of continuous use | | |
| Environment | | 0 to 50°C (32 to 122°F); RH max 95% | | |
| Dimensions | | 175 x 41 x 23 mm (6.9 x 1.6 x 0.9") | | |
| Weight | | 95 g (3.4 oz.) | | |

Accessories

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|-----------|---|-----------|--|
| HI 73301* | Spare probe for HI 98300 and HI 98301 | HI 70032P | 1382 ppm calibration solution, 20 mL sachet, 25 pcs. |
| HI 73302* | Spare probe for HI 98302 | HI 7032M | 1382 ppm calibration solution, 230 mL bottle |
| HI 73303* | Spare probe for HI 98303 | HI 70442P | 1500 ppm calibration solution, 20 mL sachet, 25 pcs. |
| HI 73304* | Spare probe for HI 98304 | HI 70038P | 6.44 ppt calibration solution, 20 mL sachet, 25 pcs. |
| HI 70030P | 12.88 mS/cm calibration solution, 20 mL sachet, 25 pcs. | HI 70039P | 5.00 mS/cm calibration solution, 20 mL sachet, 25 pcs. |
| HI 7030M | 12.88 mS/cm calibration solution, 230 mL bottle | HI 7039M | 5.00 mS/cm calibration solution, 230 mL bottle |
| HI 70031P | 1413 µS/cm calibration solution, 20 mL sachet, 25 pcs. | | |
| HI 7031M | 1413 µS/cm calibration solution, 230 mL bottle | | |

* To be replaced by authorized technical personnel only.
For a complete range of calibration, cleaning and maintenance solutions, see section F.