

Conductivity meter mod. HI98311

EC / TDS / Temperature meter (Low range)

When the original DiST® (Dissolved Oxygen Tester) was first introduced, conductivity and total dissolved solids measurement became easy and convenient.

The ease of use of DiST, together with its convenience, have made it a standard instrument for measuring EC and TDS.

Hanna instruments now continues this tradition with the DiST® 5.

DiST®5 is equipped with a replaceable graphite electrode, adjustable EC / TDS conversion ratio, temperature measurement unit to choose between ° C and ° F, two-level display with simultaneous display of EC / TDS and temperature, automatic compensation temperature with adjustable β coefficient, battery charge and stability indicators, automatic calibration and automatic shutdown.

The graphite conductivity electrode offers high accuracy by resisting contamination of salt deposits in the sample. In addition, the instrument is watertight, designed to float.

This 3-in-1 tester is unmatched on the market in the measurement of EC, TDS and temperature.

Features

- Watertight and floating
- Automatic temperature compensation
- HOLD button to freeze the measured value on the display
- BEPS function that alerts the user when the battery is low and may affect the measurements

HI98311 (DiST®5) is supplied complete with:
EC / TDS probe HI73311,
HI73128 probe removal tool,
batteries and instructions.

Technical data

EC scale	from 0 to 3999 $\mu\text{S} / \text{cm}$
EC resolution	1 $\mu\text{S} / \text{cm}$
EC accuracy	$\pm 2\%$ FS
EC calibration	automatic, one point: 1413 $\mu\text{S} / \text{cm}$
TDS scale	0 to 2000 ppm (mg / L)
TDS Resolution	1 ppm (mg / L)
TDS accuracy	$\pm 2\%$ FS
TDS calibration	automatic, one point: 1382 ppm (mg / L)
EC / TDS Temperature Compensation	automatic
Temperature Correction Coefficient	β adjustable from 0.0 to 2.4% / ° C



EC / TDS Conversion Factor	from 0.45 to 1.00
Temperature scale	0.0 to 60.0 ° C / 32.0 to 140.0 ° F
Resolution Temperature	0.1 ° C / 0.1 ° F
Accuracy Temperature	± 0.5 ° C / ± 1 ° F
EC / TDS probe	HI73311 replaceable graphite EC / TDS electrode (included)
Automatic Power Off	automatic shutdown after 8 minutes of inactivity
Battery Type / Duration	1.5V (4) / approximately 100 hours of continuous use
Terms of Use	0 to 50 ° C (32 to 122 ° F); RH max 100%
Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1.0 ")
Weight	100 g (3.5 oz.)

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