

Hanna HI-98192 Professional Waterproof EC/TDS/Resistivity/Salinity meter



CO/35180

The HI98192 is a waterproof, portable conductivity meter that has an expanded conductivity range from 0.000 $\mu\text{S}/\text{cm}$ to 400 mS/cm , as well as TDS, resistivity and three salinity scales. This meter automatically recognizes the probe type (two or four ring) and allows the user to adjust the nominal cell constant. HI98192 is also ready to perform all three stages of USP <645> method required for EC measurement of ultrapure water.

Choose from seven memorized standards and obtain up to a five point conductivity calibration. For salinity (% range), HI7037 standard allows users to make a one point calibration.

EC and TDS measurements are fully customizable and include: cell constant selection between 0.010 and 10.000, selection of linear or natural water (non-linear) or no temperature compensation (for actual conductivity reading), configurable temperature compensation coefficient range from 0.00 to 10.00%/°C, choice of reference

- Waterproof to IP67 (including probe sockets).
- Large dot matrix display with backlight.
- On-screen calibration instructions.
- GLP and on screen help
- Log on demand & lot logging with variable intervals.
- USB for data download (cable and software supplied).
- Up to 5 point calibration.
- USP645 for ultrapure water with memorised buffers.
- Adjustable TDS factor 0.40 to 1.00.
- Temperature coefficient 0.00 10.00%/C.
- Auto Temperature compensation.
- Auto range and Auto-end feature.

Technical Specification

Ranges:

EC	0.001 $\mu\text{S}/\text{cm}$ to 1000.0 mS/cm
TDS	0.00 mg/l to 400.0 g/l
Resistivity	1.0 $\Omega.\text{cm}$ to 100.0 $\text{M}\Omega.\text{cm}$
Salinity	0.0 to 400.0% NaCl; 0.00 to 42.00 PSU; 0.00 to 80.00 Seawater scale
Temperature	-20.0 to 120.0°C

Cat. No.

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Description

Hanna HI-98192 Professional Waterproof EC/TDS/Resistivity/Salinity meter supplied with EC probe with built-in temperature sensor, buffer solutions, USB cable and software, beakers, batteries and carry case