

HI98192

## Professional Waterproof Meter

EC/TDS/Resistivity/Salinity Meter with USP <645>

- **Waterproof**
  - IP67 rated waterproof, rugged enclosure
- **Salinity readings**
  - Salinity can be displayed as % NaCl, seawater scale (ppt) or practical salinity scale (PSU)
- **Calibration**
  - Perform up to a five point calibration for enhanced accuracy
- **Temperature compensation**
  - Automatic Temperature Compensation
  - Configurable temperature coefficient range from 0.00 to 10.00%/°C
- **Four-ring platinum probe**
  - This probe can cover low EC samples to 1000 mS/cm (actual EC)
- **Log-on-demand**
  - Store measurement data at the press of a button
- **GLP**
  - GLP data provides data from previous calibration to ensure Good Laboratory Practices are met
- **AutoHold**
  - Automatically holds the first stable reading on the display
- **Calibration timeout**
  - Alerts when calibration is due at a specified interval
- **Help menu**
  - On-screen context specific help is readily available at the press of a button
- **Backlit LCD**
- **Clear display**
  - Dot matrix display with multifunction virtual keys
- **Intuitive keypad**
  - Most of the available options such as GLP information, help, range, calibration and backlight have a dedicated button
- **Connectivity**
  - PC connectivity via opto-isolated micro-USB with HI92000 software
- **Approximately 100 hour battery life**
  - Powered by (4) 1.5V AA batteries



### For Universal Applications

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 temperatures of 15°C, 20°C and 25°C, and a selectable TDS factor between 0.40 and 1.00.

Ten sets of customized measurement parameters can be stored as a user profile and later recalled.

### Quick connect probe

The HI763133 four ring platinum conductivity probe features a quick connect DIN connector to make attaching and removing the probe simple and easy.

### Data Logging

The HI98192's allows users to store up to 400 log-on-demand samples or 1000 lot logging samples that can be later transferred to a PC with the HI920015 USB cable and HI92000 software.