

HI98194

Multiparameter Waterproof Meter

pH, ORP, EC, TDS, Resistivity, Salinity, Seawater σ , Dissolved Oxygen, Atmospheric Pressure and Temperature

pH Features

- **Calibration**
 - Up to a three-point calibration with five standard buffers and one custom buffer available
- **pH in mV option**
 - Useful for diagnostics
- **GLP data**
 - Offset, slope, date, time and buffers used
- **Automatically temperature compensated readings**
- **pH or pH/ORP field replaceable sensors**
 - Gel filled and maintenance free
 - Double junction for reduced contamination of reference cell

Dissolved Oxygen Features

- **Choice of units**
 - Display units in % saturation or ppm (mg/L)
- **Salinity compensation for saline waters**
 - Manual entry of salinity values
 - Readings compensated for salinity effects
- **Built-in barometer**
 - Automatic compensation for changes in atmospheric pressure
 - User selectable units
- **Temperature compensation**
- **Polarization**
 - Automatic polarization of probe at startup
- **Membrane caps**
 - Ready-to-use HDPE pre-tensioned membrane caps are easy to replace

EC/TDS/Resistivity Features

- **Calibration**
 - Single-point calibration from six standards
- **Temperature compensation**
 - Automatic Temperature Compensation
 - Configurable temperature coefficient range from 0.00 to 6.00%/°C
 - Choice of reference temperatures at 20 or 25°C
 - Absolute conductivity can be displayed along with the temperature compensated value
- **Auto-ranging**
- **Salinity readings**
 - Practical Salinity Scale (PSU) based on conductivity calibration



The HI98194 is a waterproof portable logging multiparameter meter that monitors up to 12 different water quality parameters. It's multi-sensor probe allows for the measurement of key parameters including pH, ORP, conductivity, dissolved oxygen, and temperature. The probe transmits readings digitally to the meter, where data points can be displayed and logged. The complete system is simple to setup and easy to use.