

pH/ORP/ISE, EC/TDS/NaCl Benchtop Meter

- Up to seven measurement parameters
- Two input channels: pH/ORP/ISE and EC/TDS/Resistivity/NaCl
- Up to five point pH calibration with seven standard and two custom buffers
- EC/TDS autoranging, manual ranging and range lock
- Automatic Temperature Compensation (pH & EC)
- PC interface via USB
- GLP features



HI 2550 is a multiparameter 2 channel instrument that measures up to 7 parameters. With this single laboratory bench meter you can measure pH, ORP, ISE, conductivity (EC), TDS, NaCl percentage and temperature.

EC measurements can be compensated relative to a selected reference temperature of 20°C or 25°C and the temperature coefficient can be set between 0.0 and 6.0%/°C. Also selectable is the cell constant between 0.500 and 1.700 and TDS factor from 0.40 to 0.80. The EC calibration mode allows you to choose from among six recognized conductivity standards and perform a single-point calibration. The most suitable EC and TDS range for your application is automatically selected. The HI 2550 also includes the ability to set and lock the range manually.

To ensure a higher level of precision, pH calibrations are up to five calibration points, chosen from the seven available memorized

buffers. By utilizing an external temperature probe, pH readings are automatically temperature compensated.

This instrument can measure using ORP electrodes (pH channel input), due to its capability to measure mV with a resolution up to 0.1 mV and also use ISE electrodes on the mV scale (pH channel input).

This instrument provides GLP capabilities that allows the storage and retrieval of all data regarding pH, rel mV, EC and NaCl calibration and sample measurement as well as data regarding the maintenance and status of the electrode.

With a built-in logging function, measurements are stored in non volatile memory, and can be transferred to a PC through the USB port. Users can manually log up to 200 records and interval log up to 500 records.