

Bench top Laboratory Ion Selective / pH / ORP / mV Meters

Model 2100 Bench top Laboratory ISE / pH / ORP / mV Meter

Selectable 0.001/0.01 pH resolution with $\pm 0.002/0.01$ pH accuracy!

- Two line, dot matrix scrolling display provides clear instructions for setup and calibration
- Ion concentration mode offers direct display of ion readings in ppm, ppt, % or any other units of your choice
- RS-232 output: sends data to printer or PC on programmed time intervals, when reading is stable, or manually
- Calculates and displays slope/offset of electrode automatically; check electrode quality and conform to standard test method quality checks
- Calibration alarm signals when meter needs recalibration—user-defined interval ensures regularly scheduled recalibration
- Real-time clock stamps stored and calibration data with date and time—suitable for GLP documentation



2100 Lab Meter

General Specifications for Model 2100 Laboratory Meters:

- Use the pH 2100 meter to document large volumes of critical ISE, pH or mV data sets. Large dot matrix display shows pH, ion or mV reading plus temperature ($^{\circ}\text{C}$). Meter sends measurements to a printer or PC with the touch of a button, or on timed intervals. Free software allows you to download data to your computer in a format easy to import into spreadsheet programs.
- Customize up to five pH calibration points, or select standard NIST or US Standard buffer sets. Meter displays last calibration date and time.
- Meter features a built-in clock with timer and alarm. Other features include memory of up to 50 readings with date and time, selectable manual or Automatic Temperature Compensation (ATC), analog recorder output and a selectable "Ready" function.
- Detachable electrode holder arm holds electrodes firmly in place. Includes instruction card that stores underneath meter for quick reference. 110/220 VAC.



Model 2100 Ion Selective / pH / ORP / mV Meter Complete Specifications

Measurements	pH	mV's	ISE	Temperature	General
Measures: pH mV Relative mV Ion °C	pH Range: - 2.000 to 16.000 pH pH Resolution: 0.001/0.01 pH pH Accuracy: ±0.002/0.01 pH pH Calibration: Up to 5 customizable calibration points, or USA or NIST standard buffer sets	mV Range: ±1800.0 mV mV Resolution: 0.1 mV mV Accuracy: ±0.2 mV	Ion Range: 0.000 to 19900 Ion Resolution: ± least significant digit Ion Accuracy: ±0.5% of the reading	Temperature Range: -5 to 105°C Temperature Resolution : 0.1 °C Temperature Accuracy: ±0.5°C	Memory: up to 50 readings with date and time RS-232: Yes Dimensions: 9" x 7" x 2.4" (23 x 18 x 6 cm) Shipping weight: 3.0 lb (1.4 kg)