

Benchtop pH Meter

Benchtop pH, potential and temperature measurement with automatic calibration, temperature compensation and USB data transfer.



Technical Information

pH range	-2.00-20.00 pH
pH resolution	0.1 / 0.01 pH
pH relative accuracy	±0.02 pH
Potential range	-1999-1999 mV
Temperature range	0-100 °C
pH stability	±0.01 pH / 3 h
Input current	≤2 × 10 ⁻¹² A
Input impedance	≥1 × 10 ¹² Ω
Potential resolution	1 mV
Potential relative accuracy	±0.1% FS
Temperature resolution	0.1 °C
Temperature accuracy	±0.5 °C
Temperature compensation	0-100 °C
Calibration points	3

Technical Information	
Records stored	2000
Display	6.5 in LED
Communication	USB 2.0; micro-USB
Ambient temperature	5-40 °C
Ambient humidity	5-85% RH
Electrical supply	12 V; 1 A
Dimensions	215 × 175 × 35 mm
Net weight	570 g
Protection rating	IP54

Standard Configuration

The instrument configuration and supplied accessories must be itemized in the quotation. A feature described here does not imply that every accessory pictured is included.

Optional Configuration

Bluetooth module and wireless printing are optional. Confirm the supplied pH/temperature electrode and buffer solutions.

Selection and ordering

State the PRECETTA model, application, selected configuration, quantity and destination. Download the complete PDF for all verified specifications and configuration details. Confirm site utilities and sample compatibility before ordering.

Technical Information

Automatic recognition of buffer standards, three-point calibration, automatic/manual temperature compensation, electrode-status checks and USB export are documented. Buffer families include European/American, NIST and Chinese standards. Stored records include pH, potential, temperature and time.