



pH, mV, ISE Benchtop Meter

PHB23



PHB23 shown smaller than actual size.

- ✓ Readings Direct in ppm, % Molar, mEq/L or Others
- ✓ Maximum and Minimum Audible Alarm
- ✓ IP65 Enclosure
- ✓ RS232 Output for PC or Printer
- ✓ Meters Ion-Sensitive Electrodes (ISE)

The PHB23 has a non-volatile memory (E2PROM), that stores your set-up values. Even under a loss of power condition your records are maintained. The menus are self-explanatory for easy operation and programmed from a simple 3 key face. The PHB23 also has advanced features like automatic electrode check and battery status displays. The displayed readings can be continuous, held or logged to memory. A user programmable audible alarm is included for minimum and maximum alerts. For ISE, the following curves are already built in: Fluoride, Iodine, Nitrate, Potassium, Silver, Sodium, Sulfide, H⁺, Ammonia, Ammonium, Bromide, Cadmium, Calcium, Lead, Cyanide, Chloride, Copper and four other ions can be user

Specifications

pH
Range: -2 to 20 pH
Resolution: 0.1/0.01/0.001 pH
Relative Precision: 0.05% (full scale)
Calibration: 2, 3, 4 or 5 points

mV
Range: ±1999 mV
Resolution: 1/0.1 mV
Relative Precision: 0.05% (full scale)

Temperature
Range: -20 to 120°C (-4 to 248°F)
Resolution: 0.1°C (0.1°F)
Relative Precision: 0.08% (full scale)

Concentration
Range: 0.01 to 99.99
Resolution: 1/0.1/0.01/0.001
Output: RS232

General
Temperature Comp.: Auto/Manual -20 to 120°C (-4 to 248°F)
Display: Alphanumeric 2 lines x 16 characters
Dimensions: 213 L x 147 W x 106 mm D (8.4 x 5.8 x 4.2")
Weight: 1.2 kg (2.6 lb)
Power: 110 to 240 Vac (50/60 Hz)
Cord Length: 2 m (6')
Electrical Protection: Class I
Power Consumption: 2.5 VA (maximum)
Environmental Conditions: Use indoors
Altitude: Up to 2000 m (6562')
Operating Temperature: 5 to 40°C (41 to 104°F)
Relative Humidity: 80% (maximum)



Glass electrode and electrode holder (included) shown smaller than actual size.

ISE

Available Units: ppm, mg/L, % or mEq/L
Ranges: 0.02 to 9000 ppm; 5 to 8 pH; 0 to 80°C; 0 to 9000%; 5 to 8 pH; 0 to 80°C; 0.01 to 12,700 mg/L; 5 to 8 pH; 0 to 80°C; 0.01 to 12,700 mEq/L
Resolution: 1, 0.1 or 0.01
Calibration Points: 2, 3, 4 or 5

To Order

Model No.	Description
PHB23	Benchtop pH, mV and temperature meter
PHA-4	4.00 pH buffer solution 500 ml (1 pint) bottle
PHA-7	7.00 pH buffer solution 500 ml (1 pint) bottle
PHA-10	10.00 pH buffer solution 500 ml (1 pint) bottle
PHE-22R	Replacement glass temperature probe
ORE-1411	ORP electrode
PHA-EH	Replacement electrode arm holder
PHE-1411	Replacement pH electrode
PRN-1	Serial printer for RS232 output

Comes complete with glass electrode and electrode holder, temperature probe, 2 m (6') power cord, calibration buffers (4 and 7), and operator's manual (CD).

Ordering Example: PHB23, benchtop pH, mV and temperature meter, and PHA-4, pH 4 buffer solution, PHA-7, pH 7 buffer solution.