



## pH/mV Benchtop Meter

### PHB21



- ✓ Automatic Resolution Selection
- ✓ Automatic Electrode Check
- ✓ Maximum and Minimum Audible Alarm
- ✓ Automatic Buffer Recognition
- ✓ 99 Points Data Logging
- ✓ RS232 Output for PC or Printer

The PHB21 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 PHB21 benchtop meters also have 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.

### Specifications

#### pH

- Range: -2.00 to 20.00 pH
- Resolution: 0.1/0.01 pH
- Relative Precision: 0.01% (full scale)

#### mV

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



PHB21 shown smaller than actual size.

#### Temperature

- Range: 20 to 120°C (68 to 248°F)
- Resolution: 0.1°C (32°F)

Relative Precision: 0.08% (full scale)

#### General

- Input Impedance:  $10^{13} \Omega$
- Isopotential Adjust: ±50%
- Sensibility Adjust: 80 to 120%
- Temperature Compensation:

- Auto: (optional sensor)
- Manual: -20 to 120°C (68 to 248°F)

- Display: Alphanumeric 2 lines x 16 characters
- Datalogging: Up to 99 readings RS232 output for PC or printer
- Alarms: Audible for maximum and minimum

#### Dimensions:

- Meter: 188 L x 106 W x 80 mm D (7.4 x 4.2 x 3.2")
- Case: 400 x 400 x 130 mm (16 x 16 x 5")

Weight: 0.45 kg (1 lb)

Enclosure: IP67

Power: 9V battery (included), 110/220 Vac, 50/60 Hz (optional adaptor), 60 hour battery life



PHB21 comes with glass electrode, calibration buffers (4 and 7), 9V battery, operator's manual (CD) and carrying case

### To Order

Model No.	Description
PHB21	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
CDH-30PW	110/220 Vac 50/60 Hz power adaptor
PHE-21R	Replacement glass electrode
PHA-EH	Benchtop electrode holder
ORE-1411	ORP electrode
PRN-1	Serial printer for RS232 output

Comes complete with glass electrode, calibration buffers (4 and 7), 9V battery, operator's manual (CD) and carrying case.

Ordering Example: PHB21, benchtop pH, mV and temperature meter, CDH-30PW, 110/220 Vac power adaptor.