



Portable pH/mV/ORP and Temperature Meter with RS-232

PHH-830
£268
Basic Unit



- ✓ LCD Displays pH/Temperature or mV/Temperature Simultaneously
- ✓ pH Measurement
0 to 14 pH, 0 to 1999 mV
- ✓ Temperature 0 to 100°C (32 to 200°F)
- ✓ Temperature Compensation for pH Range ATC & MTC
- ✓ Data Auto Hold
- ✓ Memory Recall: Single Recording 99 Sets; Continuous Recording 99 Sets, Max 3000 Pts.
- ✓ Auto Power Off for 10 Minutes
- ✓ RS232 Interface
- ✓ Calibration for pH 7.00 and pH 4.00
- ✓ Optional pH Electrode, Temperature Probe and Buffer Solution

The PHH-830 pH/mV and temperature meter with RS-232 communication is economically priced for many applications.

The PHH-830 features an auto data hold. Pressing and holding the "test toggle" key during measurement will cause an "A" to flash and then hold the LCD.

The PHH-830 also features recording of 99 records and also has an RS-232 communication for datalogging.

Specifications

Measuring Range

pH: 0 to 14 pH
mV: 0 to 1999 mV
Temp: 0 to 100°C (32 to 212°F)

Accuracy

pH: ±0.01 pH
mV: 0 to 600 mV: ±(0.05%+1d) Rdg
601 to 1999 mV: ±0.1% Rdg
Temp: ±0.5°C or ±0.9°F

Resolution

pH: 0.001 pH
mV: 0.1 mV
Temp: 0.1°C or 0.1°F

Temperature Compensation for pH

Range: Manual (MTC): 0 to 100°C (32 to 200°F), adjusting by push button or button on front panel. Automatic (ATC): 0 to 100°C (32 to 200°F), adjusting with the optional temperature probe.

pH Electrode Connection:

BNC
Operating Temperature: 0 to 50°C (32 to 122°F),

Operating Humidity: Max 80% RH

Sampling Rate:

About 1.5 time per second

Calibration Date:

Record the last data of adjustment

Battery Life:

Approx. 120 hours

Display:

76.5 L x 50.5 W x 2.7 D mm (3 x 2 x 0.1") super large LCD dual display

Over Input Indication:

Indicate by "----"

Power Supply:

6 AA Batteries (included)

Power Current:

Approx. Vdc 20 mA

Data Output:

RS-232
PC Serial Interface

Dimensions:

187 L x 73 W x 53 H mm (7.4 x 2.9 x 2.1")

Weight:

Approx. 320 g (11.3 oz) with batteries

Optional Accessories:

pH buffer solutions,
pH electrode,
temperature probe.



PHH-830, £268, shown smaller than actual size

Rugged carrying case has room for optional pH electrodes and buffer solutions

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Description
PHH-830	£268	pH meter with RS232
PHAT-830	27.00	ATC Temperature probe PT100 RTD
PHE-1304	21.50	General purpose pH laboratory electrode
PHE-1411	42.00	Double junction pH laboratory electrode
ORE-1411	61.00	Double junction ORP probe
PHA-4	3.40	Buffer solution, pH 4.00, 475 ml bottle
PHA-7	3.40	Buffer solution, pH 7.00, 475 ml bottle
PHA-10	3.40	Buffer solution, pH 10.00, 475 ml bottle
MN1500	1.15	Pkg of 2, "AA" replacement batteries (3 pks req.)
FW-300	67.00	Reference Book: Water Wells and Septic Systems Handbook

Unit comes with rugged carrying case, six "AA" batteries, Windows software, RS-232 cable, 9 to 25 pin gender changer and a complete operator's manual. Order pH electrode, ATC probe and buffer solutions separately.

Ordering Example: PHH-830, pH meter with RS-232, £268, PHE-1304, general purpose electrode, £21.50, PHA-4 & PHA-10 buffer solutions £3.40 ea., £268 + 21.50 + 3.40 + 3.40 = £296.30.



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