

JENCO



Standard Portable pH Meter

pH, mV, Temp.

The Jenco 6230/6231 portable pH meters are economical, user friendly and have the right features for everyday field pH measurements:

Quick and Easy pH Measurements

Clear LCD displays pH and temperature, or mV and temperature readings at the same time.

Convenient calibration with automatic buffer recognition of US and European (6230C) buffer sets. Calibration data is stored in memory and is ready for use on power up.

Readings are automatically compensated for temperature (ATC). Meter automatically switches into manual compensation when temperature probe is not present.

Automatic lock mode and end point sensing are available to lock in stable readings.

Intuitive operation with membrane keypad with tactile and audio feedback.

Inclined back provides ideal viewing angle for benchtop use.

50 Memory location for data storage (available 2004).

Carefree Maintenance

Indicates when to change electrode for accurate readings.

Watertight case is splash resistant and made with durable plastic intended for rugged use. Protective covers for connectors are included.

Electrode holder neatly stores the electrode when not in use.

Standard Inputs and Outputs

RS-232 computer interface (6230 only) with software.

BNC connector for pH/reference pH and mV (6230 only, 6231 with 4 pin connector).

8 pin DIN connector for 10k thermistor.

Separate pin plug connector for reference pH.

AC adaptor or battery power.

Specifications

Range

pH	- 2.00 to 16.00 pH
mV	- 1999 to 1999 mV
Temp	- 5.0 to 125.0 °C

Resolution

pH	0.01 pH
mV	1.0 mV
Temp	0.1 °C

Accuracy

pH	± 0.1 % ± 1 LSD
mV	± 0.1 % full scale ± 1 LSD
Temp	± 0.5 °C

General

pH Temp Compensation	Auto/manual -5.0 to 125.0 °C
pH Buffer Recognition	(4.01, 7.00, 10.01) or (4.00, 6.86, 9.18)
pH Buffer Temp. Range	0 to 60 °C
PH Electrode Offset Recognition	± 90 mV at pH 7.00 or 6.86
pH Electrode Slope Recognition	± 30 % at pH 4.00, 4.01, 9.18 or 10.01
Input Impedance	>10 ¹³ ohms
Power Supply	6 AAA Batteries or 115/230 V AC adapter
Battery Life	~ 25 hours
Calibration Backup	Yes
Audio Feedback	All Touch Keys
End Point Sensing & Hold	Yes
LCD Character Size (Main, Temp)	12.5 mm, 7.5 mm high LCD
Ambient Temp. Range	0 to 50 °C
Relative Humidity	Up to 95%
ATC Probe	Thermistor, 10k ohm at 25 °C
RS-232 communication	Bate Rate 9600
Dimensions (W x D x H)	86 mm x 241 mm x 72 mm
Weight	430 grams (Including batteries)

Accessories

600P	pH/reference electrode with BNC connector
6000P	pH/temperature/reference electrode w/4 pin connector
6230A	Glass, thermistor 10k, 8 pin connector
6001C	Extension cable (3 ft) 4 pin to 4 pin (for 6231 only)
6001C-10	Extension cable (10 ft) 4 pin to 4 pin (for 6231 only)
6005C	Extension cable (3 ft) 4 pin to BNC and 8 pin
6005C-10	Extension cable (10 ft) 4 pin to BNC and 8 pin
6000B	4 pin to BNC adaptor (for 6231 only)
6007D115	115 V AC adapter
6007D230	230 V AC adapter

