

JENCO



Advance Portable Meter

pH, mV, Ion, Temp.

The Jenco 6250 and 6251 microprocessor based, multi-parameter meters gives you laboratory grade measurements in an easy to use, portable package:

Easy and Accurate Measurements

Clear LCD displays pH, mV, or direct ion concentration, simultaneously with temperature.

User selectable resolution of up to 0.001 for greatest accuracy.

Direct read out in ion concentration to simplify ion measurements.

Convenient calibration with automatic buffer recognition of US and European pH buffer sets. Quick one point ion calibration. 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.

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 an electrode when not in use.

Standard Inputs and Outputs

RS-232 computer interface with software (6250 only).

BNC connector for pH/reference pH, ORP and ion.

8 pin DIN connector for 10k thermistor.

Separate pin plug connector for reference pH.

AC adaptor or battery power.

Specifications

	Range	Resolution	Accuracy
pH	- 2.000 to 16.000 pH	0.01 or 0.001 pH	± 0.1 % ± 1 LSD
mV	- 1999.9 to 1999.9 mV	1 or 0.1 mV	± 0.1 % ± 1 LSD
Ion	0.0 to 119.8 conc.	0.05, 0.1 or 0.2 conc.	± 2 digit
Temp	- 5.0 to 125.0 °C	0.1 °C	± 0.5 °C

General

pH:

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, model 6250C)
pH Buffer Temp. Range	0 to 50 °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

Other:

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)	15 mm, 8.7 mm high LCD
Ambient Temp. Range	0 to 50 °C
ATC Probe	Thermistor, 10k ohm at 25 °C
RS-232 communication	Bate Rate 9600
Dimensions (W x D x H)	83 mm x 241 mm x 71 mm
Weight	470 grams (Including batteries)

Accessories

600P	pH/reference electrode with BNC connector
6000P	pH/temperature/reference electrode w/4 pin connector
ISE	Ion selective electrodes, special order
6230A	Glass, thermistor 10k, 8 pin connector
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
6007D115	115 V AC adapter
6007D230	230 V AC adapter

