

# JENCO



## *Advance Portable Meter* pH, mV, Conductivity, Salinity, Temp.

The Jenco 6350 microprocessor based, multi-parameter meter gives you laboratory grade measurements in an easy to use, portable package:

### Easy and Accurate Measurements

Clear LCD displays pH, mV, conductivity, or salinity, simultaneously with temperature.

Accepts 2-wire and 4-wire conductivity cells with K=1 or K=5 cell constants for improved flexibility and accuracy.

Auto or manual ranging of 4 conductivity ranges are available for improved usability.

Convenient calibration with automatic buffer recognition of US or European pH buffer sets. Quick one point conductivity 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.

BNC connector for pH/reference pH and mV.

8 pin DIN connector for conductivity cell & 10k thermistor.

Separate pin plug connector for reference pH.

AC adaptor or battery power.

## Specifications

	Range	Resolution	Accuracy
pH	- 2.00 to 16.00 pH	0.01 pH	± 0.01 pH ± 1 LSD
mV	- 1500 to 1500 mV	1 mV	± 0.1 % of reading ± 1 LSD
Conductivity, K=1	0.00 to 99.99 uS/cm	0.01 uS/cm	± 0.5 % full scale
	100.0 to 999.9 uS/cm	0.1 uS/cm	± 0.5 % full scale
	1.000 to 9.999 mS/cm	0.001 mS/cm	± 0.5 % full scale
	10.00 to 30.00 mS/cm	0.01 mS/cm	± 0.5 % full scale
Conductivity, K=5	0.0 to 499.9 uS/cm	0.1 uS/cm	± 0.5 % full scale
	0 to 4999 uS/cm	1 uS/cm	± 0.5 % full scale
	0.00 to 49.99 mS/cm	0.01 mS/cm	± 0.5 % full scale
	0.00 to 200.0 mS/cm	0.1 mS/cm	± 0.5 % full scale
Salinity	0.0 to 80.0 ppt	0.1 ppt	± 1 % full scale
Temp	- 5.0 to 75.0 °C	0.1 °C	± 0.1 °C

## General

### pH:

pH Temp Compensation	Auto/manual -5.0 to 75.0 °C
pH Buffer Recognition	(4.01, 7.00, 10.00) or (4.00, 6.86, 9.18, model 6350C)
pH Buffer Temp. Range	0 to 60 °C
PH Electrode Offset Recognition	± 100 mV at pH 7.00 or - 91.7 to + 108.3 mV at pH 6.86
pH Electrode Slope Recognition	± 30 % at pH 4.00, 4.01, 9.18 or 10.01
Input Impedance	>10 <sup>13</sup> ohms

### Conductivity:

Conductivity Reference Temp.	15.0 to 25.0 °C, user selectable at 0.1 °C increment
Conductivity Temp. Coefficient	0.0 to 4.0 %, user selectable at 0.1 % increment
Basic Cell Constant	K=1 or K=5, user selectable

### 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 )	86 mm L x 241 mm W x 72 mm H
Weight	470 grams (Including batteries)

## Accessories

600P	pH/reference electrode with BNC connector
6000P	pH/temperature/reference electrode w/4 pin connector
101	Conductivity cell w/8 pin connector, K=1.0
6230A	Glass, thermistor 10k, 8 pin connector

