

# JENCO



## Advance Portable Meter

### Conductivity, Salinity, Temp.

The Jenco 3250 and 3251 microprocessor based, multi-parameter meters give you laboratory grade measurements in an easy to use, portable package:

#### Easy and Accurate Measurements

Clear LCD displays conductivity or salinity, simultaneously with temperature.

Accepts 2-wire and 4-wire conductivity cells with  $K=0.1$ ,  $K=1$  and  $K=10$  cell constants for improved flexibility and accuracy.

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

Convenient one point 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

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 (3250 only).

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

AC adaptor or battery power.

## Specifications

	Range	Resolution	Accuracy
Conductivity, K=0.1	0.000 to 9.999 uS/cm	0.001 uS/cm	± 0.5 % full scale
	10.00 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 3.000 mS/cm	0.001 mS/cm	± 0.5 % full scale
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=10	0.0 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 99.99 mS/cm	0.01 mS/cm	± 0.5 % full scale
	100.0 to 300.0 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 95.0 °C	0.1 °C	± 0.2 °C
	23 to 199 °F	0.1 °F	± 0.2 °F

## General

### 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=0.1, K=1.0 or K=10, 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
Temp. Unit of Display	°C or °F via internal jumper
Ambient Temp. Range	0 to 50 °C
ATC Probe	Thermistor, 10k ohm
RS-232 communication	Bate Rate 9600
Dimensions (W x D x H )	83 mm x 222 mm x 71 mm
Weight	370 grams (Including batteries)

## Accessories

101	Conductivity cell w/8 pin connector, K=1.0
109	Conductivity cell w/8 pin connector, K=0.1
107	Conductivity cell w/8 pin connector, K=10
6007D115	115 V AC adapter
6007D230	230 V AC adapter

