

JENCO

3175 Description

Jenco EC3175 is a new conductivity meter with temperature readout, backlit LCD display, selectable cell constant and a streamlined look.

This benchtop meter is RoHS compliant.

- Clear, large LCD display with backlight
- Displays conductivity and temperature at same time
- Accepts 2-wire conductivity cells with adjustable k=0.1, k=1 and k=10 cell constants for improved flexibility and accuracy
- Convenient one point calibration
- Calibration data is stored in memory and is ready for use on power up
- Automatically selects one of three conductivity ranges to display readings
- Readings are automatically compensated for temperature (ATC)
- Meter automatically switches into manual compensation when temperature probe is not present
- Automatic lock mode is available to lock in stable readings
- Intuitive operation with membrane keypad with tactile and audio feedback.
- Splash resistant case is made with durable, reinforced plastic for added protection. protective covers for connectors are included
- Smaller case does not clutter valuable desk space
- 8pin DIN connector for conductivity cell & 10k thermistor
- AC adaptor or battery power

New



Specifications

	RANGE	RESOLUTION	ACCURACY
Conductivity, K=0.01	0.000 to 1.999uS/cm; 2.00 to 19.99uS/cm	0.001uS/cm; 0.01uS/cm	± 0.5% FS
Conductivity, K=0.1	0.00 to 19.99uS/cm; 2.00 to 199.9uS/cm	0.01uS/cm; 0.1uS/cm	± 0.5% FS
Conductivity, K=1	0.0 to 199.9uS/cm; 200 to 1999uS/cm; 2.00 to 19.99mS/cm	0.1uS/cm; 1uS/cm; 0.01mS/cm	± 0.5% FS
Conductivity, K=10	0 to 1999uS/cm; 2.00 to 19.99mS/cm; 20.0 to 199.9mS/cm	1uS/cm; 0.01mS/cm; 0.1mS/cm	± 0.5% FS

Conductivity

- Conductivity reference temp.: 15.0 to 25.0 °C, user selectable at 0.1 °C increment
- Conductivity temp. coefficient: 0.00 to 4.00 %, user selectable at 0.01 % increment
- Basic cell constant: K=0.01, K=0.1, k=1.0 or k=10, user selectable

Other

- Power supply: 6 x AAA batteries or 115/230 V AC adapter
- Calibration backup: Yes
- Audio feedback: All touch keys
- End point sensing & hold: Yes
- Auto ranging: Yes
- Ambient temp. range: 0 to 50 °C
- ATC probe: Thermistor, 10k ohm
- Dimensions (w x d x h): 150 mm x 203 mm x 72 mm
- Weight: 504 grams (excluding batteries)