



CM1000 SENSOLAB BENCHTOP CONDUCTIVITY METER

PRODUCT SPECIFICATION SHEET



The new SensoLab Series Benchtop Conductivity / TDS Meter is the perfect solution for a range of applications from instructional chemistry laboratories to quality control testing. This versatile meter can be powered in two ways, either with 6 AAA batteries to save your valuable bench space or with an AC power cable. Splash resistant casing adds durability, so your meter will stand the test of time.

Sleek, small footprint design saves bench space

Measure Conductivity or TDS and Temperature

Intelligent auto ranging improves ease of use

Waterproof case

Automatic or manual temperature compensation

SPECIFICATIONS

Conductivity K = 0.01	Range: 0.000 to 1.999 uS/cm; 2.00 to 19.99 uS/cm Resolution: 0.001 uS/cm; 0.01 uS/cm Accuracy: +/- 0.5% FS
Conductivity K = 0.1	Range: 0.00 to 19.99 uS/cm; 2.00 to 199.9 uS/cm Resolution: 0.01 uS/cm; 0.1 uS/cm Accuracy: +/- 0.5% FS
Conductivity K = 1	Range: 0.0 to 199.9 uS/cm; 200 to 1999 uS/cm; 2.00 to 19.99 mS/cm Resolution: 0.1 uS/cm; 1 uS/cm; 0.01 mS/cm Accuracy: +/- 0.5% FS
Conductivity K = 10	Range: 0.0 to 1999 uS/cm; 2.00 to 19.99 uS/cm; 20.0 to 199.9 mS/cm Resolution: 1 uS/cm; 0.01 mS/cm; 0.1 mS/cm Accuracy: +/- 0.5% FS
Conductivity Reference Temp	15.0°C 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 Constants	K = 0.01, K = 0.1, k = 1.0 or k = 10, user selectable
Power Supply	6 x AAA batteries or 115/230 V AC adapter
Calibration Backup	Yes
Auto Ranging	Yes
Ambient Temp Range	0 to 50°C
ATC Probe	Thermistor, 10k ohm
Dimensions (w x d x h)	5.9 in (150 mm) x 8.0 in (203 mm) x 2.8 in (72 mm)

ORDERING INFORMATION

Part Number Description

Model:

CM1000 SensoLab Benchtop Conductivity Meter

Sensors:

CS150TC-k=1/CM1000 Light Duty Contacting Conductivity Sensor with Automatic Temperature Compensation (NOTE: Custom connectors required - 4 week lead time)

CS150TC-k=0.1/CM1000 Light Duty Contacting Conductivity Sensor with Automatic Temperature Compensation (NOTE: Custom connectors required - 4 week lead time)

Accessories:

TDS1000 Mixed salt calibration standard (1000 ppm/1417uS/cm)

TDS500 Mixed salt calibration standard (500 ppm/731uS/cm)

ES100 Electrode Stand, weighted base, holds 5 standard 12mm electrodes.

DESIGNED AND ASSEMBLED IN CALIFORNIA, USA

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