VORTEX

AZZOTA

Benchtop Microprocessor Conductivity Meter

Single Point Push-Button Calibration:
CM series with single point calibration function, you need only set conductivity value of the calibration solution at 25°C and immerse conductivity electrode into solution, then press [ENTER] key. The meter will calibrated automatically.

Auto-Ranging for Conductivity:
The meter has auto-ranging function when measuring conductivity. After electrode is immersed in solution, the meter will respond quickly and convert range.

Auto Temperature Compensation:
CM-10T will recognize the temperature sensor automatically and measure temperature after temperature sensor connected to the meter. If the conductivity electrode is connected to it, the meter will enter automatic temperature compensation.

Adjustable Temperature Coefficient:
Different ion solutions usually have different temperature coeffi -cient - setting temperature coefficient correctly is very important to measurement, CM series can be set in the range of 0 to 3.9% percentigrade degree.

Adjustable Cell Constant:
When measuring higher or lower conductivity solution, you should choose conductivity electrode with different constant. The meter with three cell constant (0.1,1,10) for your choice.

What's included:
DJS-1 conductivity electrode(K=1), electrode holder, 9V power adapters, temperature probe (only for CM-10T)

Specification

Model	CM-15	CM-10	CM-10T
Conductivity Range	0.05~2 x 105 µS/cm		
Conductivity Accuracy	± 1.5% Full Scale	± 1% Full Scale	
Temperature Range	N/A		0 ~ 100 °C
Temperature Accuracy	N/A		± 1 °C
Calibration Points	1 Point		
Calibration Solution	146.6 µS/cm	1408 µS/cm	12.85 µS/cm
Temperature Compensation	0 ~ 50°C (manual)		
Temperature Coefficient	0 ~ 3.9% per °C		
Cell Constant	K = 0.1, 1.0, 10 Adjustable		
Display	LCD		
Power	9V DC, using AC adapters		
Dimension (LxWxH)	8.5 x 8 x 2.5 inch / 210 x 205 x 65 mm		
Weight	3.3 lbs / 1.5 kg		