



CONDUCTIVITY METER BMET-302

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BENCHTOP CONDUCTIVITY METER

A Conductivity meter is an instrument that measures the amount of electric conductivity or current in a solution. The conductance can be measured by applying an alternating electrical current to the two electrodes present in the solution, after which the cations move to the negative electrode and the anions move to the positive electrode. This movement ultimately leads the solution to be conductive.



SPECIFICATIONS

Model	BMET-302
Conductivity	
- Range	0.00 $\mu\text{S}/\text{cm}$ to 200 mS/cm
- Resolution	1.01 $\mu\text{S}/\text{cm}$ minimum; changed with range
- Accuracy	$\pm 1.0\%$ FS
- Reference Temperature	25 $^{\circ}\text{C}$
- Standard Recognition	84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 12.88 mS/cm
TDS	
Temperature	
- Unit	$^{\circ}\text{C}$
Measurement	
- Reading Mode	AutoRead, Continuous
- Reading Prompts	Reading, Stable, Locked
- Temp. Compensation	ATC, MTC
Data Management	
- Data Storage	50 results each
Inputs	
- Temp./EC. Probe	5-pin aviation connector
Display Options	
- Backlight	Yes
- Auto Shutdown	300, 600, 1200, 1800, 3600sec, off
- IP Rating	IP54
General	
- Power	AC Adapter, 100-240 V AC
- Dimensions	242 x 195 x 68 mm
- Weight	900 g (1.98 lb)
Alt Name	Benchtop Conductivity Meter



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