

# CONDUCTIVITY METER MET31-200



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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.

## MET31-200 CONDUCTIVITY METER



### SPECIFICATIONS

Model	MET31-200
Conductivity	
Range	0.00 $\mu\text{S}/\text{cm}$ to 200 $\text{mS}/\text{cm}$
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 $\text{mS}/\text{cm}$
TDS	
Range	0.00 $\text{mg}/\text{L}$ ~100 $\text{g}/\text{L}$
Resolution	0.01 $\text{mg}/\text{L}$ minimum; changed with range
Accuracy	$\pm 1.0\%$ FS
Temperature	
Range	- 5 to 110 $^{\circ}\text{C}$ , 23 to 230 $^{\circ}\text{F}$
Unit	$^{\circ}\text{C}$ ,
Resolution	0.1
Accuracy	$\pm 0.2$
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)



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