

# PH/ION METER MET51-275



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An ion meter is a device which with the aid of electrochemical activity of ion electrodes measures the concentration of ions in a solution. It works by the means of selective ion electrodes and measuring ion activity capability of sensitive membrane of a measuring devices. A sensor electrode and a reference electrode are used to measure the ion concentration in a solution.

## MET51-275 PH/ION METER



### SPECIFICATIONS

Model	MET51-275
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99 mg/L
Resolution	2.01 mg/L
Accuracy	± 0.3 mg/L (0.00 to 20.00 mg/L) ± 10 % (20.00 to 99.99 mg/L)
Calibration Reminder	Yes
Calibration Points	Air-saturated water or zero point
Barometric Compensation	Yes
Manual Salinity Factor Correction	Yes
Saturation	
Range	(0.0 to 600.0)%
Resolution	0.10 %
Accuracy	± 10.0 %
Temperature	
Range	-10 to 135 °C, 14 to 275 °F
Unit	°C, °F
Resolution	0.1
Relative Accuracy	± 0.2
Measurement	
Reading Mode	AutoRead( Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Data Management	
Data Storage	1000 Groups

GLP Features	Yes
Inputs	
Temp./DO Probe	4-pin aviation connector
Outputs	
USB	USB 2.0 flash memory device, PC,scanner
Bluetooth	printer
Display Options	
Backlight	Yes
Auto Shutdown	300, 600, 1200, 1800, 3600 sec, off
IP Rating	IP65
Date and Time	Yes
General	
Power	Rechargeable Lithium batter; AC Adapter,100-240 V AC input, DC5V output
Dimensions	90 x 255 x 40 mm
Weight	500 g(1.1 lb)



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