

MULTI-PARAMETER ANALYZER MET61-110



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Multi-parameter Analyzer simultaneously measures Ion, Conductivity, Dissolved Oxygen, Temperature that otherwise requires four different meters. With the appropriate probes installed, it can also simultaneously measure several or one parameters.

MET61-110 MULTI-PARAMETER ANALYZER



SPECIFICATIONS

Model	MET61-110
pH	
Range	- 2.00 to 20.00 pH
Resolution	0.1, 0.01 pH
Accuracy	± 0.01 pH
Calibration Points	Up to 5
Standard Customization	Yes
Standard Recognition	NIST, GB and DIN buffers
mV	
Range	- 2000.00 to 2000.00 mV
Resolution	0.1
Accuracy	± 0.3 mV or ± 0.1 %
pX	
Range	- 2.00 to 20.00
Resolution	0.1, 0.01 pX
Accuracy	± 0.02 pX
Calibration Points	Up to 5
ISE	
Range	1E-9 to 9.999E9
Unit	mol/L, mmol/L, g/L, mg/L, µg/L, ppm
Resolution	Up to 4 significant digits
Accuracy	± 0.5 %
Calibration Points	Up to 5
Conductivity	
Range	0.000 µS/cm to 1000 mS/cm

Resolution	0.001 $\mu\text{S}/\text{cm}$ minimum; changed with range
Accuracy	$\pm 1.0\%$ FS
Reference Temperature	20, 25 $^{\circ}\text{C}$
Calibration Points	Up to 3
Standard Recognition	84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$; 12.88 mS/cm
Resistivity	
Range	5.00 Ωcm ~20.00 M Ωcm
Resolution	0.01 Ωcm minimum;
Accuracy	$\pm 1.0\%$ FS
TDS	
Range	0.00 mg/L ~300 g/L
Resolution	0.01 mg/L minimum; changed with range
Accuracy	$\pm 1.0\%$
Salinity	
Range	(0.00 ~8.00) %
Resolution	0.01 %
Accuracy	$\pm 0.2\%$
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 50.00 mg/L
Resolution	0.01 mg/L
Accuracy	± 0.3 mg/L
Calibration Points	Air-saturated water or zero point
Barometric Compensation	Yes
Manual Salinity Factor Correction	Yes
Saturation	
Resolution	0.10 %
Accuracy	$\pm 10.0\%$
Temperature	
Range	- 5 to 110 $^{\circ}\text{C}$, 23 to 230 $^{\circ}\text{F}$
Unit	$^{\circ}\text{C}$, $^{\circ}\text{F}$
Resolution	0.1
Relative Accuracy	± 0.2
Measurement	
Reading Mode	AutoRead(Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	1000 results each
GLP Features	Yes
Inputs	
pH Electrode	BNC(Q9)
Temp./DO Probe	4-pin aviation connector
Temp./EC. Probe	5-pin aviation connector
Outputs	
USB	USB 2.0 flash memory device, PC,scanner
Display Options	
Backlight	Yes

Auto Shutdown	300, 600, 1200, 1800, 3600 sec, off
IP Rating	IP65
Yes	General: Power
General	
Dimensions	90x255x40 mm
Weight	500 g(1.1 lb)



Labstac LLC

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA
Email: contact@mail.labstac.com | Website: labstac.com