

MULTI-PARAMETER ANALYZER



MULTI-PARAMETER ANALYZER

Used in Healthcare, Research, Environmental Protection, Water Quality Analysis, Biological Agriculture and Forestry..
Also known as Multimeter.

MET61-230 MULTI-PARAMETER ANALYZER



Product Image Coming Soon

SPECIFICATIONS

Model	MET61-230
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 mV
Accuracy	± 0.03 mV or ± 0.1 % of reading whichever is greater
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	0.01Ω-cm minimum

Reference Temperature	20, 25 °C
Calibration Points	Up to 3
Standard Recognition	84 μS/cm, 1413 μS/cm; 12.88 mS/cm
Resistivity	
Range	5.00 Ω·cm ~ 20.00 MΩ·cm
Resolution	0.01Ω·cm minimum
Accuracy	± 1.0 % FS
TDS	
Range	0.00 mg/L ~ 300 g/L
Resolution	0.01 mg/L minimum; changed with range
Accuracy	± 1.0 % FS
Salinity	
Range	(0.00 ~ 8.00) %
Resolution	0.01 %
Accuracy	± 0.2 %
Temperature	
Range	- 5 to 110 °C, 23 to 230 °F
Unit	°C, °F
Resolution	0.1
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	500 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	PC
USB, RS 232	printer
Display Options	
Backlight	Yes
Auto Shut-down	1~60 min, off
IP Rating	IP54
Date and Time	Yes
General	
Power	AC Adapter, 100-240 V AC input, DC9V output
Dimensions	242x195x68 mm
Weight	900 g (1.98 lb)

MET61-200 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET61-200
pH	
Range	-3.00 to 20.00 pH
Resolution	1.1, 0.01 pH
Accuracy	± 0.01 pH
Calibration Points	Up to 6
Standard Customization	Yes
Standard Recognition	NIST, GB and DIN buffers
mV	
Range	-2001.00 to 2000.00 mV
Resolution	1.1 mV
Accuracy	± 0.03 mV or ± 0.1 % of reading whichever is greater
pX	
Range	- 2.00 to 20.01
Resolution	1.1, 0.01 pX
Accuracy	±0.02 pX
Calibration Points	Up to 6
ISE	
Range	1E-9 to 9.999E10
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 6
Conductivity	
Range	1.000 µS/cm to 1000 mS/cm
Resolution	1.01Ω-cm minimum
Reference Temperature	21, 25 °C
Calibration Points	Up to 4
Standard Recognition	85 µS/cm, 1413 µS/cm; 12.88 mS/cm
Resistivity	
Range	6.00 Ω-cm ~ 20.00 MΩ-cm
Resolution	1.01Ω-cm minimum

Accuracy	± 1.0 % FS
TDS	
Range	1.00 mg/L ~ 300 g/L
Resolution	1.01 mg/L minimum; changed with range
Accuracy	± 1.0 % FS
Salinity	
Range	(0.00 ~ 8.00) %
Resolution	1.01 %
Accuracy	± 0.2 %
Temperature	
Range	- 6 to 110 °C, 23 to 230 °F
Unit	°C, °F
Resolution	1.1
Accuracy	± 0.3
Measurement	
Reading Mode	AutoRead(Fast, Medium,Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	501 results each
GLP Features	Yes
Inputs	
pH Electrode	BNC(Q9)
Temp./DO Probe	5-pin aviation connector
Temp./EC Probe	6-pin aviation connector
Outputs	
USB	PC
USB, RS 233	printer
Display Options	
Backlight	Yes
Auto Shut-down	2~60 min, off
IP Rating	IP55
General	
Power	AC Adapter, 100-240 V AC input, DC9V output
Dimensions	243x195x68 mm
Weight	901 g (1.98 lb)

MET61-275 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET61-275
pH	
Range	-2.000 to 20.000 pH
Resolution	0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 7
Standard Customization	Yes
Calibration Reminder	Yes
Standard Recognition	NIST,GB,DIN,USA,MERK,JIS buffers
Slope Limit	Yes
mV/ORP	
Range	- 2000.00 to 2000.00 mV
Resolution	0.1, 0.01 mV
Accuracy	±0.1 mV or ±0.03 % of reading whichever is greater
EH ORP Mode	Yes
ORP Calibration Points	1 custom point (relative mV)
pX	
Range	- 2.000 to 20.000 pX
Resolution	0.1, 0.01, 0.001 pX
Accuracy	± 0.002 pX
Calibration Points	Up to 6
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	± 0.3 %
Calibration Points	Up to 6
Conductivity	
Range	0.000 µS/cm to 2000 mS/cm
Resolution	1.01 Ω-cm minimum
Reference Temperature	5, 10, 15, 18, 20, 25 °C
Calibration Points	Up to 5

Calibration Reminder	Yes
Standard Recognition	10 μ S/cm, 84 μ S/cm, 500 μ S/cm, 1413 μ S/cm; 12.88 mS/cm
Resistivity	
Range	5.00 Ω -cm ~ 100.00 M Ω -cm
Accuracy	\pm 0.5 % FS
TDS	
Range	0.000 ~ 1000 ppt
Resolution	0.001 ppm minimum; changed with range
Accuracy	\pm 0.5 %
Salinity	
Type	NaCl %
Range	(0.00 ~ 8.00) %
Resolution	0.01 %
Accuracy	\pm 0.1 %
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99 mg/L
Resolution	0.01 mg/L
Accuracy	\pm 0.3 mg/L (0.00 to 20.00 mg/L) \pm 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) %
Resolution	0.10 %
Accuracy	\pm 10.0 %
Temperature	
Range	- 10 to 135 $^{\circ}$ C, 14 to 275 $^{\circ}$ F
Unit	$^{\circ}$ C, $^{\circ}$ F
Resolution	0.1
Accuracy	\pm 0.1
Measurement	
Reading Mode	AutoRead(Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	1000 Groups
GLP Features	Yes
Log Management	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
RS 233	printer, scanner, autosampler
Display Options	

Backlight	Yes
Auto Shut-down	1~60 min, off
IP Rating	IP54
Date and Time	Yes
General	
Power	AC Adapter, 100-240 V AC input, DC24V output
Dimensions	220x195x68 mm
Weight	950 g (2.09 lb)

MET61-600 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET61-600
pH	
Range	-3.000 to 20.000 pH
Resolution	1.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 7
Standard Customization	Yes
Standard Recognition	NIST,GB,DIN,USA and MERK buffers
Slope Limit	Yes
mV/ORP	
Range	-2000.00 to 2000.00 mV
Resolution	0.1, 0.01 mV
Accuracy	± 0.1 mV or ± 0.03 %
EH ORP Mode	Yes
ORP Calibration Points	1~2 custom point (relative mV)
pX	
Range	- 2.000 to 20.000 pX
Resolution	0.1, 0.01, 0.001 pX
Accuracy	± 0.002 pX
Calibration Points	Up to 6
ISE	
Range	0~19990
Unit	mol/L, mmol/L, g/L, mg/L, µg/L

Resolution	Up to 4 significant digits
Accuracy	± 0.3 %
Calibration Points	Up to 6
Conductivity	
Range	0.000 µS/cm to 3000 mS/cm
Resolution	0.001 µS/cm minimum; changed with range
Accuracy	± 0.5 % FS
Reference Temperature	5, 10, 15, 18, 20, 25 °C
Calibration Points	Up to 5
Standard Recognition	146.5 µS/cm, 1408 µS/cm, 12.85 mS/cm, 111.3 mS/cm
Resistivity	
Range	5.00 Ω·cm ~ 100.00 MΩ·cm
Resolution	0.01 Ω·cm minimum;
Accuracy	± 0.5 % FS
TDS	
Range	0.000 mg/L ~ 1000 g/L
Resolution	0.001 ppm minimum; changed with range
Accuracy	± 0.5 %
Salinity	
Type	NaCl %
Range	(0.00 ~ 8.00) %
Resolution	0.01 %
Accuracy	± 0.1 %
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99mg/L
Resolution	2.01 mg/L
Accuracy	± 0.1 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) %
Saturation	
Resolution	0.10 %
Accuracy	± 10.0 %
Temperature	
Range	- 5 to 130 °C
Unit	°C,
Resolution	0.1
Accuracy	± 0.1
Measurement	
Reading Mode	AutoRead(Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	1000 Groups

GLP Features	Yes
Log Management	Yes
Inputs	
pH Electrode	BNC(Q9)
Temp./DO Probe	6-pin MiniDIN
Temp./EC. Probe	8-pin MiniDIN
Outputs	
USB, RS 232	USB 2.0 flash memory device, printer, PC
Display Options	
Backlight	Yes
Auto Shut-down	1~60 min, off
IP Rating	IP54
Date and Time	Yes
General	
Power	AC Adapter, 100-240 V AC input, DC24V output
Dimensions	280×280×130 mm
Weight	2500 g (5.51 lb)

MET61-300 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET61-300
pH	
Range	-2.00 to 20.00 pH
Resolution	0.1, 0.01 pH
Accuracy	± 0.02 pH
Calibration Points	Up to 5
Standard Customization	Yes
mV	
Range	-2000.0 to 2000.0 mV
Resolution	0.1
Accuracy	±0.3 mV or ±0.1 % of reading whichever is greater
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
Resolution	Up to 4 significant digits
Accuracy	± 0.5 %
Calibration Points	Up to 5
Conductivity	
Range	0.000 µS/cm to 500 mS/cm
Resolution	0.001 µS/cm minimum; changed with range
Accuracy	± 1.0 % FS
Reference Temperature	20, 25 °C
Calibration Points	Up to 3
Standard Recognition	84 µS/cm, 1413 µS/cm; 12.88 mS/cm
Resistivity	
Range	5.00 Ω·cm ~ 20.00 MΩ·cm
Resolution	0.01 Ω·cm minimum
Accuracy	± 1.0 % FS
TDS	
Range	0.00 mg/L ~ 300 g/L
Resolution	0.01 mg/L minimum; changed with range
Accuracy	± 1.0 %
Salinity	
Range	(0.00 ~ 8.00) %
Resolution	0.01 %
Accuracy	± 0.2 %
Temperature	
Range	-5 to 110 °C, 23 to 230 °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
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	500 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	PC,printer
Display Options	
Backlight	Yes
Auto Shutdown	300, 600, 1200, 1800, 3600sec, off

IP Rating	IP65
Date and Time	Yes
General	
Power	Rechargeable Lithium batter; AC Adapte, 100-240 V AC input, DC5V output
Dimensions	80x255x35 mm
Weight	400 g (0.88 lb)

MET61-500 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET61-500
pH	
Range	-2.00 to 20.00 pH
Resolution	0.1, 0.01 pH
Accuracy	± 0.02 pH
Calibration Points	Up to 5
Standard Customization	Yes
mV	
Range	-2000.0 to 2000.0 mV
Resolution	0.1
Accuracy	±0.3 mV or ±0.1 % of reading whichever is greater
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
Resolution	Up to 4 significant digits
Accuracy	± 0.5 %
Calibration Points	Up to 5
Conductivity	
Range	0.000 µS/cm to 500 mS/cm
Resolution	0.001 µS/cm minimum; changed with range

Accuracy	± 1.0 % FS
Reference Temperature	20, 25 °C
Calibration Points	Up to 3
Standard Recognition	84 µS/cm, 1413 µS/cm; 12.88 mS/cm
Resistivity	
Range	5.00 Ω·cm ~ 20.00 MΩ·cm
Resolution	0.01 Ω·cm minimum
Accuracy	± 1.0 % FS
TDS	
Range	0.00 mg/L ~ 300 g/L
Resolution	0.01 mg/L minimum; changed with range
Accuracy	± 1.0 %
Salinity	
Range	(0.00 ~ 8.00) %
Resolution	0.01 %
Accuracy	± 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	± 10.0 %
Temperature	
Range	- 5 to 110 °C, 23 to 230 °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
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	500 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	PC,printer
Display Options	
Backlight	Yes
Auto Shutdown	300, 600, 1200, 1800, 3600sec, off

IP Rating	IP65
Date and Time	Yes
General	
Power	Rechargeable Lithium batter; AC Adapte, 100-240 V AC input, DC5V output
Dimensions	80x255x35 mm
Weight	400 g (0.88 lb)

MET61-110 MULTI-PARAMETER ANALYZER



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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 $\Omega\cdot\text{cm}$ ~ 20.00 M $\Omega\cdot\text{cm}$
Resolution	0.01 $\Omega\cdot\text{cm}$ 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)

MET61-135 MULTI-PARAMETER ANALYZER



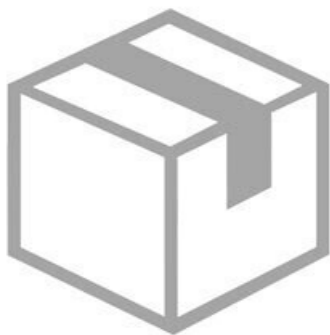
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SPECIFICATIONS

Model	MET61-135
pH	
Range	-2.000 to 20.000 pH
Resolution	0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 8
Standard Customization	Yes
Calibration Reminder	Yes
Standard Recognition	USA, NIST, MERK, JIS, GB and DIN buffers
Slope Limit	Yes
mV/ORP	
Range	- 2000.00 to 2000.00 mV
Resolution	0.1, 0.01 mV
Accuracy	±0.1 mV or ±0.03 % of reading whichever is greater
EH ORP Mode	Yes
ORP Calibration Points	1 custom point (relative mV)
pX	
Range	- 2.000 to 20.000 pX
Resolution	0.1, 0.01, 0.001 pX
Accuracy	± 0.002 pX
Calibration Points	Up to 6
ISE	
Range	1E-9 to 9.999E9
Unit	mol/L, mmol/L, g/L, mg/L, µg/L
Resolution	Up to 4 significant digits

Accuracy	± 0.3 %
Calibration Points	Up to 8
Conductivity	
Range	0.000 µS/cm to 3000 mS/cm
Resolution	1.001 µS/cm minimum; changed with range
Accuracy	± 0.5 % FS
Reference Temperature	5, 10, 15, 18, 20, 25 °C
Calibration Points	Up to 5
Calibration Reminder	Yes
Standard Recognition	10 µS/cm, 84 µS/cm, 500 µS/cm, 1413 µS/cm; 12.88 mS/cm
Resistivity	
Range	5.00 Ω·cm ~ 100.00 MΩ·cm
Resolution	0.01 Ω·cm minimum
Accuracy	± 0.5 % FS
TDS	
Range	0.000 mg/L ~ 1000 g/L
Resolution	0.001 mg/L minimum; changed with range
Accuracy	± 0.5 %
Salinity	
Range	(0.00 ~ 8.00) %
Resolution	0.01 %
Accuracy	± 0.1 %
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	
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
Bluetooth	printer
Display Options	
Backlight	Yes
Auto Shut-down	300, 600, 1200, 1800, 3600 sec, off
IP Rating	IP65
General	
Power	AC Adapter, 100-240 V AC input, DC5V output
Dimensions	90x255x40 mm
Weight	500 g (1.1 lb)

MET61-008 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET61-008
pH	
Range	-2.000 to 20.000 pH
Resolution	0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 8
Standard Customization	Yes
Calibration Reminder	Yes
Standard Recognition	USA, NIST, MERK, JIS, GB and DIN buffers
Slope Limit	Yes
mV/ORP	
Range	- 2000.00 to 2000.00 mV
Resolution	0.1, 0.01 mV
Accuracy	±0.1 mV or ±0.03 % of reading whichever is greater
EH ORP Mode	Yes
ORP Calibration Points	1 custom point (relative mV)
pX	
Range	- 2.000 to 20.000 pX
Resolution	0.1, 0.01, 0.001 pX
Accuracy	± 0.002 pX
Calibration Points	Up to 6
ISE	
Range	1E-9 to 9.999E9
Unit	mol/L, mmol/L, g/L, mg/L, µg/L
Resolution	Up to 4 significant digits
Accuracy	± 0.3 %
Calibration Points	Up to 8
Conductivity	
Range	0.000 µS/cm to 3000 mS/cm
Resolution	1.001 µS/cm minimum; changed with range
Accuracy	± 0.5 % FS
Reference Temperature	5, 10, 15, 18, 20, 25 °C

Calibration Points	Up to 5
Calibration Reminder	Yes
Standard Recognition	10 μ S/cm, 84 μ S/cm, 500 μ S/cm, 1413 μ S/cm; 12.88 mS/cm
Resistivity	
Range	5.00 Ω -cm ~ 100.00 M Ω -cm
Resolution	0.01 Ω -cm minimum
Accuracy	\pm 0.5 % FS
TDS	
Range	0.000 mg/L ~ 1000 g/L
Resolution	0.001 mg/L minimum; changed with range
Accuracy	\pm 0.5 %
Salinity	
Range	(0.00 ~ 8.00) %
Resolution	0.01 %
Accuracy	\pm 0.1 %
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99 mg/L
Resolution	2.01 mg/L
Accuracy	\pm 0.3 mg/L (0.00 to 20.00 mg/L) \pm 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	\pm 10.0 %
Temperature	
Range	- 10 to 135 $^{\circ}$ C, 14 to 275 $^{\circ}$ F
Unit	$^{\circ}$ C, $^{\circ}$ F
Resolution	0.1
Relative Accuracy	\pm 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	
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
Bluetooth	printer
Display Options	
Backlight	Yes

Auto Shut-down	300, 600, 1200, 1800, 3600sec, off
IP Rating	IP65
General	
Power	AC Adapter, 100-240 V AC input, DC 5 V output
Dimensions	90x255x40 mm
Weight	500 g (1.1 lb)

MET101-600 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-600
DC Voltage	
600 mV/6 V/60 V/600 V/1000 V	± (0.5%+3)
AC Voltage	
6 V/60 V	± (0.8%+3)
600 V/750 V	± (1.0%+10)
DC Current	
60 μA/60 mA/600 mA	± (0.8%+3)
20 A	± (1.2%+3)
AC Current	
60 mA/600 mA	± (1.0%+3)
20 A	± (1.5%+3)
Resistance(Ω)	
600 /6 k/6 0k/600 k/6 M	± (0.8%+3)
60 MΩ	± (1.2%+30)
Capacitance	
6 nF	± (4.0 % +30)
60 nF/600 nF/6 μF/60 uF/600 μF/6 mF ±(4.0%+3)	± (4.0 %+3)
100 mF	± (5.0 %+3)
Frequency	
60/600/6 k/60 k/600 k/6 M/10 MHz	± (1.0%+3)
Duty	
5 % ~95 %	± (2.0 %+3)
hFE	
0 ~1000	± (1.0 %+3)

MET101-100 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-100
DC Voltage	
600 mV/6 V/60 V/600 V/1000 V	± (0.5%+3)
AC Voltage	
6 V/60 V	± (0.8%+3)
600 V/750 V	± (1%+10)
DC Current	
60 μA/600 μA/6 mA/60 mA/600 mA	± (0.8%+3)
10 A	± (1.2%+3)
AC Current	
60 μA/600 μA/6 mA/60 mA/600 mA/	± (1.0%+3)
20 A	± (1.5%+3)
Resistance	60 MΩ
Resistance(Ω)	
60 MΩ	± (1.2%+30)
Capacitance	100 mF
Frequency	10MHz
Duty	5 %~95 %
Temperature	Yes
Counts	6000 Counts
ACV/ACATRMS	Yes
ACV (bandwidth)	1 kHz
Continuity	Yes (Sound and LED Alarm)
Diode Test	Yes
Low Battery Indication	Yes
Work Light	Yes (High,Medium And Low) Sound And LED Alarm
NCV	Yes
Auto Power Off	Yes
Power Supply	4x1.5 V AA Batteries
Weight	Approx. 337.5/334 g
194x90x55 mm	Safety Standard/Rating

MET101-750 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-750
DC Voltage	
600 mV/6 V/60 V/600 V/1000 V	± (0.5%+3)
AC Voltage	
6 V/60 V	± (0.8%+3)
600 V/750 V	± (1.0%+10)
DC Current	
60 µA/60 mA/600 mA	± (0.8%+3)
20 A	± (1.2%+3)
AC Current	
60 mA/600 mA	± (1.0%+3)
20 A	± (1.5%+3)
Resistance(Ω)	
600 /6 k/60 k/600 k/6 M	± (0.8%+3)
60 MΩ	± (1.2%+30)
Capacitance	
6 nF	± (4.0 % +30)
60 nF/600 nF/6 µF/60 uF/600 µF/6 mF ±(4.0%+3)	± (4.0 %+3)
100 mF	± (5.0 %+3)
Frequency	
60/600/6 k/60 k/600 k/6 M/10 MHz	± (1.0%+3)
Duty	
5 % ~95 %	± (2.0 %+3)
Temperature	
-20 °C ~ 1000 °C/ - 4 °F' 1832 °F ± (1.036+3)	± (1.0 %+3)
hFE	
0 ~1000	± (1.0 %+3)

MET101-200 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-200
DC Voltage	
2 V/20 V/200 V	$\pm (0.5\%+3)$
600 V	$\pm (0.8\%+5)$
AC Voltage	
2 V/20 V/200 V	$\pm (0.8\%+3)$
600 V	$\pm (1.0\%+5)$
Resistance	
2 k Ω /20 k Ω /200 k Ω /2 M Ω /10 M Ω	+ (1.0%+3)
Display	2000 Counts
Data Hold	Yes
Continuity	Yes
NCV	Yes
Work Light	Yes
Power Supply	2x 1.5 V AAA Batteries
Weight	Approx. 133.5/146.5 g
Size	130x62x27 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033,EN61326,CAT.III 600 V

MET101-130 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-130
DC Voltage	
200 mV/2 V/20 V/200 V	± (0.5%+3)
600 V	± (0.8%+5)
AC Voltage	
200 V/600 V	± (0.8%+3)
600 V	± (1.0%+5)
DC Current	
200 µA/2000 µA/20 mA/200 mA	± (1.8%+5)
AC Current	
200 uA/2000 uA/20 mA/200 mA	± (2.0%+5)
Resistance	
200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ/10 MΩ	± (1.0%+3)
20 MΩ	± (1.2%+15)
Display	2000 Counts
Data Hold	Yes
Continuity	Yes
NCV	Yes
Work Light	Yes
Power Supply	2x 1.5 V AAA Batteries
Weight	Approx. 133.5/146.5 g
Size	130x62x27 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033,EN61326,CAT.III 600 V

MET101-148 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-148
DC Voltage	
200 mV/2 V/20 V/200 V	± (0.5%+2)
600 V	± (0.8%+2)
AC Voltage	

2 V/20 V/200 V	± (1.2%+10)
DC Current	
200 µA/2 mA/20 mA	± (1.0%+2)
200 mA	± (1.5%+2)
10 A	± (3.0%+2)
Resistance	
200 Ω/2 kΩ/20 kΩ/200 kΩ	± (0.8%+2)
2 MΩ	± (1.0%+2)
Display	2000 Counts
Data Hold	Yes
Diode Test	Yes
Continuity	Yes
Power Supply	1x9V 6F22 Batteries
Weight	Approx. 169.5/173/174.5 g
Size	148x74x42 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326,CAT.III 600 V

MET101-074 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-074
DC Voltage	
200 mV/2 V/20 V/200 V	± (0.5%+2)
600 V	± (0.8%+2)
AC Voltage	
2 V/20 V/200 V	± (1.0%+3)
600 V	± (1.2%+3)
DC Current	
200 µA/2 mA/20 mA/200 mA	± (1.5%+3)
AC Current	
200 µA/2 mA/20 mA/200 mA	± (1.5%+4)
DC	
10 A	± (3.0%+3)
AC	
10A	± (3.0%+3)

Resistance	
200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ	± (0.8%+2)
20MΩ	± (1.0 % + 2)
Temperature	
- 20 °C ~ 1000 °C	± (3.0 % +3)
0 °F ~ 1800 °F	± (3.0 %+3)
Display	2000 Counts
Data Hold	Yes
Continuity	Yes
Diode Test	Yes
Maximum Value Hold	Yes
Power Supply	1x9 V 6F22 Battery
Weight	Approx. 172.5/173 g
Size	148x74x42 mm
Safety Standard/Rating	ENG1010-1,ENG1010-2-033, EN61326,CAT III 600 V

MET101-194 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-194
DC Voltage	
60 mV/600 mV/6 V/60 V/600 V/1000 V	± (0.7%+2)
AC Voltage	
60 mV/600 mV/6 V/60 V/600 V/750 V	± (0.8%+3)
DC Current	
600 μA/6000 μA/60 MA/600 mA	± (1.2%+3)
6 A/10 A	± (2.0%+10)
AC Current	
600 μA/6000 μA/60 MA/600 mA	± (1.5%+3)
6 A/10 A	± (3.0%+10)
Resistance	
600 Ω/6 kΩ/60 kΩ/600 kΩ/6 MΩ/60 MΩ	± (1.2%+5)
Capacitance	
10 nF/100 nF/1000 nF/10 μF/100 μF/1000 μF/10 mF	± (3.0%+3)
Frequency	

10 H/100 Hz/1000 Hz/10 kHz/100 kHz/1000 kHz/10 MHz	± (1.0%+5)
Display	6000 Counts
Auto / Manual Range	Yes
Bargraph Display	Yes
Relative Measurement	Yes
True RMS	Yes
MAX/IMIN	Yes
Interface	USB interface
Data Hold	Yes
Diode Test	Yes
Transistor	Yes
Continuity	Yes
Back Light	Yes
Power Supply	4x1.5 V AA Batteries
Weight	Approx. 352.5/360.5g
Size	194x93x55 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326,CAT III 1000V

MET101-169 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-169
DC Voltage	
6 V/60 V/600 V	± (0.8%+3)
AC Voltage	
60 mV/600 mV/6 V/60 V/600 V/750 V	± (0.8%+3)
Resistance	
6 kΩ/60 kΩ/600 kΩ	± (1.0%+3)
6 MΩ/10 MΩ	± (1.2%+5)
Capacitance	
60 nF/600 nF/6 μF/60 μF/600 μF/6 mF	± (4.0%+5)
Frequency	
30 ~1000 Hz	± (0.5%+2)
Display	6000 Counts
Auto Range	Yes

Bargraph Display	Yes
Continuity	Yes
NCV	Yes
Live Test	Yes
Data Hold	Yes
Work Light	Yes
Back Light	Yes
Auto Power Off	Yes
Power Supply	3 x 1.5V AAA Batteries
Weight	Approx.243 g
Size	169x83x53 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326,CAT.III 600 V

MET101-083 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-083
DC Voltage	
6 V/60 V/600 V	± (0.8%+3)
AC Voltage	
60 Mv/600 mV/6 V/60 V/600 V/750 V	± (0.8%+3)
DC Current	
600 mA	± (1.0%+3)
AC Current	
600 mA	± (1.5%+3)
Resistance	
6 kΩ/60 kΩ/600 kΩ	± (1.0%+3)
6 MΩ/10 MΩ	± (1.2%+5)
Capacitance	
60 nF/600 nF/6 μF/60 μF/600 μF/6 mF	± (1.0%+5)
Frequency	
30 ~1000 Hz	± (0.5%+2)
Temperature	
- 20 °C ~ 1300 °C	± (1.0%+3)
- 4 °F ~ 2372 °F	± (1.0 % + 3)

Display	6000 Counts
Auto Range	Yes
Bargraph Display	Yes
Transistor	Yes
Continuity	Yes
NCV	Yes
hFE	Yes
Live Test	Yes
Data Hold	Yes
Work Light	Yes
Back Light	Yes
Auto Power Off	Yes
Power Supply	3x 1.5V AAA Batteries
Weight	Approx.250 g
Size	169x83x53 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326,CAT.III 600 V

MET101-054 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-054
DC Voltage	
300 mV	± (0.1%+5)
3 V/30 V/300 V	± (0.05%+5)
1000 V	± (0.1%+5)
DC Current	
300 μA/3 mA/30 mA/300 mA	± (0.5%+10)
10 A	± (1.2%+50)
Resistance	
300 Ω/3 kΩ/30 kΩ/300 kΩ	± (0.5%+10)
3 kM/30 kΩ/300 kΩ	± (0.8%+10)
30 MΩ	± (1.5%+10)
300 MΩ	± (3.0%+10)
Capacitance	
30 nF/300 nF/3 μF/30 μF	± (3.0 % + 5)

300 μ F/3 mF	\pm (4.0 % +5)
30 mF	\pm (10.0 %+5)
300 mF	\pm (20.0%+5)
Frequency	
10 ~300 Hz	\pm (0.01.0 %+5)
Duty	
0.1 % ~ 99 %	\pm (2.0 %+5)
Display	
	30000 Counts T-RMS
Auto / Manual Range	Yes
Bargraph Display	Yes
Relative Measurement	Yes
True RMS	Yes
MAX/IMIN	Yes
USB Interface	Yes
Data Hold	Yes
Diode Test	Yes
Transistor	Yes
Continuity	Yes
Capacitance Test	Yes
AC+DC Voltage Measurement	Yes
Back Light	Yes
Power Supply	4x1.5 VAA Batteries
359.5 g(Without Battery)	Size
195x93x54 mm	Safety Level

MET101-166 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-166
DC Voltage	
400 Mv/4 V/40 V/400 V	\pm (0.8%+2)
600 V	\pm (0.1%+2)
AC Voltage	
40 V/400 V/600 V	\pm (1.2%+10)

DC Current	
400 μ A/4 mA/40 mA/400 mA	\pm (0.1%+2)
400 mA	\pm (1.5%+2)
10 A	\pm (3.0%+2)
Resistance	
400 Ω /4 k Ω /40 k Ω /400 k Ω	\pm (0.8%+3)
Display	4000
Manual Rang	Yes
Bargraph Display	Yes
Data Hold	Yes
Diode Test	Yes
Continuity	Yes
NCV Non-Contact Voltage Detection	Yes
Back Light	Yes
Flashlight	Yes
Power Supply	2 x 1.5VAAA
Weight	268.5
Size	166x78x48 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033,EN61326,CAT.III 600 V

MET101-078 MULTI-PARAMETER ANALYZER



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SPECIFICATIONS

Model	MET101-078
DC Voltage	
60 mV/600 mV/6 V/60 V	\pm (0.5%+3)
600 V	\pm (0.5%+3)
AC Voltage	
60 mV/600 mV/6 V/60 V/600 V	\pm (0.8%+3)
DC Current	
600 μ A/6 mA/60 mA/600 mA	\pm (0.8%+3)
6 A/10 A	\pm (1.2%+3)
AC Current	
600 μ A/6 mA/60 mA/600 mA	\pm (0.1%+3)
6 A/10 A	\pm (1.5%+3)

Resistance	
600 Ω/6 kΩ/60 kΩ/600 kΩ/6 MΩ	± (1.2%+5)
60 MΩ	± (2.0%+5)
Capacitance	
10 nF/100 nF/1 μF/10 μF/100 μF	± (3.0 % + 5)
	± (4.0 % +5)
100 mF	± (5.0 %+5)
Frequency	
10 Hz ~10 MHz	± (1.0%+5)
Duty	
1 % ~ 99 %	± (3.0 %+5)
Display	6000
Auto Range	Yes
Bargraph Display	Yes
Data Hold	Yes
VFD Measurement	Yes
Relative Measurement	Yes
MAX/MIN Measurement	Yes
Diode Test	Yes
Continuity	Yes
NCV Non-Contact Voltage Detection	Yes
Live Line Voltage Detection	Yes
Back Light	Yes
Power Supply	2x 1.5 VAAA
Weight	268.5
Size	166x78x48 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033,EN61326,CAT.III 600 V

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