



MULTI-PARAMETER ANALYZER

MULTI-PARAMETER ANALYZER

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.

600 MULTI-PARAMETER ANALYZER



SPECIFICATIONS

Model	BMET-601	BMET-602	BMET-603
pH			
Range	-2.00 to 20.00 pH	-3.00 to 20.00 pH	-2.000 to 20.000 pH
Resolution	0.1, 0.01 pH	1.1, 0.01 pH	0.1, 0.01, 0.001 pH
Accuracy	± 0.01 pH		± 0.002 pH
Calibration Points	Up to 5	Up to 6	Up to 7
Standard Customization	Yes		
Standard Recognition	NIST, GB and DIN buffers		NIST,GB,DIN,USA,MERK,JIS buffers
Calibration Reminder	-	-	Yes
Slope Limit	-	-	Yes
mV			
Range	-2000.00 to 2000.00 mV	-2001.00 to 2000.00 mV	-
Resolution	0.1 mV	1.1 mV	-
Accuracy	± 0.03 mV or ± 0.1 % of reading whichever is greater		-
pX			
Range	- 2.00 to 20.00	- 2.00 to 20.01	- 2.000 to 20.000 pX
Resolution	0.1, 0.01 pX	1.1, 0.01 pX	0.1, 0.01, 0.001 pX
Accuracy	±0.02 pX		± 0.002 pX
Calibration Points	Up to 5	Up to 6	
ISE			
Range	1E-9 to 9.999E9	1E-9 to 9.999E10	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 %		± 0.3 %
Calibration Points	Up to 5	Up to 6	

Conductivity			
Range	0.000 $\mu\text{S/cm}$ to 1000 mS/cm	1.000 $\mu\text{S/cm}$ to 1000 mS/cm	0.000 $\mu\text{S/cm}$ to 2000 mS/cm
Resolution	0.01 Ωcm minimum	1.01 Ωcm minimum	1.01 Ωcm minimum
Reference Temperature	20, 25 $^{\circ}\text{C}$	21, 25 $^{\circ}\text{C}$	5, 10, 15, 18, 20, 25 $^{\circ}\text{C}$
Calibration Points	Up to 3	Up to 4	Up to 5
Standard Recognition	84 $\mu\text{S/cm}$, 1413 $\mu\text{S/cm}$; 12.88 mS/cm	85 $\mu\text{S/cm}$, 1413 $\mu\text{S/cm}$; 12.88 mS/cm	10 $\mu\text{S/cm}$, 84 $\mu\text{S/cm}$, 500 $\mu\text{S/cm}$, 1413 $\mu\text{S/cm}$; 12.88 mS/cm
Calibration Reminder	-	-	Yes
Accuracy	-	-	-
Resistivity			
Range	5.00 Ωcm ~20.00 $\text{M}\Omega\text{cm}$	6.00 Ωcm ~20.00 $\text{M}\Omega\text{cm}$	5.00 Ωcm ~100.00 $\text{M}\Omega\text{cm}$
Resolution	0.01 Ωcm minimum	1.01 Ωcm minimum	-
Accuracy	± 1.0 % FS		± 0.5 % FS
TDS			
Range	0.00 mg/L ~300 g/L	1.00 mg/L ~300 g/L	0.000 ~1000 ppt
Resolution	0.01 mg/L minimum; changed with range	1.01 mg/L minimum; changed with range	0.001 ppm minimum; changed with range
Accuracy	± 1.0 % FS		± 0.5 %
Salinity			
Range	(0.00 ~8.00) %		
Resolution	0.01 %	1.01 %	0.01 %
Accuracy	± 0.2 %		± 0.1 %
Type	-	-	NaCl %
Temperature			
Range	- 5 to 110 $^{\circ}\text{C}$, 23 to 230 $^{\circ}\text{F}$	- 6 to 110 $^{\circ}\text{C}$, 23 to 230 $^{\circ}\text{F}$	- 10 to 135 $^{\circ}\text{C}$, 14 to 275 $^{\circ}\text{F}$
Unit	$^{\circ}\text{C}$, $^{\circ}\text{F}$		
Resolution	0.1	1.1	0.1
Accuracy	± 0.2	± 0.3	± 0.1
Relative Accuracy	-	-	-
Measurement			
Reading Mode	AutoRead(Fast, Medium,Slow), Timed, Continuous		AutoRead(Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked		
Temp. Compensation	ATC, MTC		
Data Management			
Data Storage	500 results each	501 results each	1000 Groups
GLP Features	Yes		
Log Management	-	-	Yes
Inputs			
pH Electrode	BNC(Q9)		
Temp./DO Probe	4-pin aviation connector	5-pin aviation connector	4-pin aviation connector
Temp./EC Probe	5-pin aviation connector	6-pin aviation connector	5-pin aviation connector
Temp./EC. Probe	-	-	-
Temp./EC. Probe	-	-	-
Outputs			

USB	PC		USB 2.0 flash memory device, PC
USB, RS 232	printer	-	-
USB, RS 233	-	printer	-
RS 233	-	-	printer,scanner,autosampler
USB,RS 232	-	-	-
Bluetooth	-	-	-
Display Options			
Backlight	Yes		
Auto Shut-down	1~60 min, off	2~60 min, off	1~60 min, off
IP Rating	IP54	IP55	IP54
Date and Time	Yes	-	Yes
Auto Shutdown	-	-	-
General			
Power	AC Adapter, 100-240 V AC input, DC9V output		AC Adapter, 100-240 V AC input, DC24V output
Dimensions	242x195x68 mm	243x195x68 mm	220x195x68 mm
Weight	900 g(1.98 lb)	901 g(1.98 lb)	950 g(2.09 lb)
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)
Dissolved Oxygen Concentration			
Sensor Type	-	-	Polarographic
Range	-	-	0.00 to 99.99 mg/L
Resolution	-	-	0.01 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)%
Resolution	-	-	0.10 %
Accuracy	-	-	± 10.0 %
Saturation			
Resolution	-	-	-
Accuracy	-	-	-
Range	-	-	-
Yes	-	-	-

Model	BMET-604	BMET-605	BMET-606
pH			
Range	-3.000 to 20.000 pH	-2.00 to 20.00 pH	
Resolution	1.1, 0.01, 0.001 pH	0.1, 0.01 pH	
Accuracy	± 0.002 pH	± 0.02 pH	

Calibration Points	Up to 7	Up to 5	
Standard Customization	Yes		
Standard Recognition	NIST,GB,DIN,USA and MERK buffers	-	-
Calibration Reminder	-	-	-
Slope Limit	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	- 2.000 to 20.000 pX	- 2.00 to 20.00	
Resolution	0.1, 0.01, 0.001 pX	0.1, 0.01 pX	
Accuracy	± 0.002 pX	± 0.02 pX	
Calibration Points	Up to 6	Up to 5	
ISE			
Range	0~19990	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 %	± 0.5 %	
Calibration Points	Up to 6	Up to 5	
Conductivity			
Range	0.000 µS/cm to 3000 mS/cm	0.000 µS/cm to 500 mS/cm	
Resolution	0.001 µS/cm minimum; changed with range		
Reference Temperature	5, 10, 15, 18, 20, 25 °C	20, 25 °C	
Calibration Points	Up to 5	Up to 3	
Standard Recognition	146.5 µS/cm, 1408 µS/cm, 12.85 mS/cm, 111.3 mS/cm	84 µS/cm, 1413 µS/cm; 12.88 mS/cm	
Calibration Reminder	-	-	-
Accuracy	± 0.5 % FS	± 1.0 % FS	
Resistivity			
Range	5.00 Ωcm ~100.00 MΩcm	5.00 Ωcm ~20.00 MΩcm	
Resolution	0.01 Ωcm minimum;	0.01 Ωcm minimum	
Accuracy	± 0.5 % FS	± 1.0 % FS	
TDS			
Range	0.000 mg/L ~1000 g/L	0.00 mg/L ~300 g/L	
Resolution	0.001 ppm minimum; changed with range	0.01 mg/L minimum; changed with range	
Accuracy	± 0.5 %	± 1.0 %	
Salinity			
Range	(0.00 ~8.00) %		
Resolution	0.01 %		
Accuracy	± 0.1 %	± 0.2 %	
Type	NaCl %	-	-
Temperature			
Range	- 5 to 130 °C	-5 to 110 °C, 23 to 230 °F	- 5 to 110 °C, 23 to 230 °F
Unit	°C,	°C, °F	
Resolution	0.1		

Accuracy	± 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 Groups	500 results each	
GLP Features	Yes		
Log Management	Yes	-	-
Inputs			
pH Electrode	BNC(Q9)		
Temp./DO Probe	6-pin MiniDIN	4-pin aviation connector	
Temp./EC Probe	-	5-pin aviation connector	
Temp./EC. Probe	8-pin MiniDIN	-	-
Temp./EC. Probe	-	-	-
Outputs			
USB	-	PC,printer	
USB, RS 232	-	-	-
USB, RS 233	-	-	-
RS 233	-	-	-
USB,RS 232	USB 2.0 flash memory device, printer, PC	-	-
Bluetooth	-	-	-
Display Options			
Backlight	Yes		
Auto Shut-down	1~60 min, off	-	-
IP Rating	IP54	IP65	
Date and Time	Yes		
Auto Shutdown	-	300, 600, 1200, 1800, 3600sec, off	
General			
Power	AC Adapter, 100-240 V AC input, DC24V output	Rechargeable Lithium batter; AC Adapte,100-240 V AC input, DC5V output	
Dimensions	280x280x130 mm	80x255x35 mm	
Weight	2500 g (5.51 lb)	400 g(0.88 lb)	
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)	-	-
Dissolved Oxygen Concentration			
Sensor Type	Polarographic	-	Polarographic
Range	0.00 to 99.99mg/L	-	0.00 to 50.00 mg/L
Resolution	2.01 mg/L	-	0.01 mg/L
Accuracy	± 0.1 mg/L	-	± 0.3 mg/L
Calibration Reminder	Yes	-	-
Calibration Points	Air-saturated water or zero point	-	Air-saturated water or zero point

Barometric Compensation	Yes	-	Yes
Manual Salinity Factor Correction	Yes	-	Yes
% Saturation			
Range	(0.0 to 600)%	-	-
Resolution	-	-	-
Accuracy	-	-	-
Saturation			
Resolution	0.10 %	-	0.10 %
Accuracy	± 10.0 %	-	± 10.0 %
Range	-	-	-
Yes	-	-	-

Model	BMET-607	BMET-608	BMET-609
pH			
Range	- 2.00 to 20.00 pH	-2.000 to 20.000 pH	
Resolution	0.1, 0.01 pH	0.1, 0.01, 0.001 pH	
Accuracy	± 0.01 pH	± 0.002 pH	
Calibration Points	Up to 5	Up to 8	
Standard Customization		Yes	
Standard Recognition	NIST, GB and DIN buffers	USA, NIST, MERK, JIS, GB and DIN buffers	
Calibration Reminder	-	Yes	
Slope Limit	-	Yes	
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	- 2.000 to 20.000 pX	
Resolution	0.1, 0.01 pX	0.1, 0.01, 0.001 pX	
Accuracy	± 0.02 pX	± 0.002 pX	
Calibration Points	Up to 5	Up to 6	
ISE			
Range		1E-9 to 9.999E9	
Unit	mol/L, mmol/L, g/L, mg/L, µg/L, ppm	mol/L, mmol/L, g/L, mg/L, µg/L	
Resolution		Up to 4 significant digits	
Accuracy	± 0.5 %	± 0.3 %	
Calibration Points	Up to 5	Up to 8	
Conductivity			
Range	0.000 µS/cm to 1000 mS/cm	0.000 µS/cm to 3000 mS/cm	
Resolution	0.001 µS/cm minimum; changed with range	1.001 µS/cm minimum; changed with range	
Reference Temperature	20, 25 °C	5, 10, 15, 18, 20, 25 °C	
Calibration Points	Up to 3	Up to 5	
Standard Recognition	84 µS/cm, 1413 µS/cm; 12.88 mS/cm	10 µS/cm, 84 µS/cm, 500 µS/cm, 1413 µS/cm; 12.88 mS/cm	
Calibration Reminder	-	Yes	
Accuracy	± 1.0 % FS	± 0.5 % FS	
Resistivity			

Range	5.00 Ωcm ~20.00 MΩcm	5.00 Ωcm ~100.00 MΩcm	
Resolution	0.01 Ωcm minimum;	0.01 Ωcm minimum	
Accuracy	± 1.0 % FS	± 0.5 % FS	
TDS			
Range	0.00 mg/L ~300 g/L	0.000 mg/L ~1000 g/L	
Resolution	0.01 mg/L minimum; changed with range	0.001 mg/L minimum; changed with range	
Accuracy	± 1.0 %	± 0.5 %	
Salinity			
Range	(0.00 ~8.00) %		
Resolution	0.01 %		
Accuracy	± 0.2 %	± 0.1 %	
Type	-	-	-
Temperature			
Range	- 5 to 110 °C, 23 to 230 °F	- 10 to 135 °C, 14 to 275 °F	
Unit	°C, °F		
Resolution	0.1		
Accuracy	-	-	-
Relative Accuracy	± 0.2		
Measurement			
Reading Mode	AutoRead(Fast, Medium, Slow), Timed, Continuous	AutoRead(Fast, Medium,Slow), Timed, Continuous	AutoRead(Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked		
Temp. Compensation	ATC, MTC	-	-
Data Management			
Data Storage	1000 results each	1000 Groups	
GLP Features	Yes		
Log Management	-	-	-
Inputs			
pH Electrode	BNC(Q9)		
Temp./DO Probe	4-pin aviation connector		
Temp./EC Probe	-	-	-
Temp./EC. Probe	5-pin aviation connector	-	-
Temp./EC. Probe	-	5-pin aviation connector	
Outputs			
USB	USB 2.0 flash memory device, PC,scanner		
USB, RS 232	-	-	-
USB, RS 233	-	-	-
RS 233	-	-	-
USB,RS 232	-	-	-
Bluetooth	-	printer	
Display Options			
Backlight	Yes		
Auto Shut-down	-	300, 600, 1200, 1800, 3600 sec, off	300, 600, 1200, 1800, 3600sec, off
IP Rating	IP65		
Date and Time	-	-	-

Auto Shutdown	300, 600, 1200, 1800, 3600 sec, off	-	-
General			
Power	-	AC Adapter, 100-240 V AC input, DC5V output	AC Adapter, 100-240 V AC input, DC 5 V output
Dimensions	90x255x40 mm		
Weight	500 g(1.1 lb)		
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)	
Dissolved Oxygen Concentration			
Sensor Type	Polarographic	-	Polarographic
Range	0.00 to 50.00 mg/L	-	0.00 to 99.99 mg/L
Resolution	0.01 mg/L	-	2.01 mg/L
Accuracy	± 0.3 mg/L	-	± 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	-	Air-saturated water or zero point
Barometric Compensation	Yes	-	Yes
Manual Salinity Factor Correction	Yes	-	Yes
% Saturation			
Range	-	-	-
Resolution	-	-	-
Accuracy	-	-	-
Saturation			
Resolution	0.10 %	-	0.10 %
Accuracy	± 10.0 %	-	± 10.0 %
Range	-	-	(0.0 to 600.0)%
Yes	General: Power	-	-



BMET-601



BMET-602



BMET-603



BMET-604



BMET-605



BMET-606



BMET-607



BMET-608



BMET-609

1100 MULTI-PARAMETER ANALYZER



SPECIFICATIONS

Model	BMET-1100	BMET-1101	BMET-1102	BMET-1104
DC Voltage				
600 mV/6 V/60 V/600 V/1000 V	$\pm (0.5\%+3)$			-
2 V/20 V/200 V	-	-	-	$\pm (0.5\%+3)$
600 V	-	-	-	$\pm (0.8\%+5)$
200 mV/2 V/20 V/200 V	-	-	-	-
60 mV/600 mV/6 V/60 V/600 V/1000 V	-	-	-	-
6 V/60 V/600 V	-	-	-	-
300 mV	-	-	-	-
3 V/30 V/300 V	-	-	-	-
1000 V	-	-	-	-
400 Mv/4 V/40 V/400 V	-	-	-	-
60 Mv/600 mV/6 V/60 V	-	-	-	-
AC Voltage				
6 V/60 V	$\pm (0.8\%+3)$			-
600 V/750 V	$\pm (1.0\%+10)$	$\pm (1\%+10)$	$\pm (1.0\%+10)$	-
2 V/20 V/200 V	-	-	-	$\pm (0.8\%+3)$

600 V	-	-	-	± (1.0%+5)
200 V/600 V	-	-	-	-
60 mV/600 mV/6 V/60 V/600 V/750 V	-	-	-	-
60 Mv/600 mV/6 V/60 V/600 V/750 V	-	-	-	-
40 V/400 V/600 V	-	-	-	-
60 mV/600 mV/6 V/60 V/600 V	-	-	-	-
DC Current				
60 µA/60 mA/600 mA	± (0.8%+3)	-	± (0.8%+3)	-
20 A	± (1.2%+3)	-	± (1.2%+3)	-
60 µA/600 µA/6 mA/60 mA/600 mA	-	± (0.8%+3)	-	-
200 µA/2000 µA/20 mA/200 mA	-	-	-	-
200 µA/2 mA/20 mA	-	-	-	-
200 mA	-	-	-	-
10 A	-	-	-	-
200 µA/2 mA/20 mA/200 mA	-	-	-	-
600 µA/6000 µA/60 mA/600 mA	-	-	-	-
6 A/10 A	-	-	-	-
600 mA	-	-	-	-
300 µA/3 mA/30 mA/300 mA	-	-	-	-
400 µA/4 mA/40 mA/400 mA	-	-	-	-
400 mA	-	-	-	-
600 µA/6 mA/60 mA/600 mA	-	-	-	-
AC Current				
60 mA/600 mA	± (1.0%+3)	-	± (1.0%+3)	-
20 A	± (1.5%+3)			-
60 µA/600 µA/6 mA/60 mA/600 mA/	-	± (1.0%+3)	-	-
200 uA/2000 uA/20 mA/200 mA	-	-	-	-
200 µA/2 mA/20 mA/200 mA	-	-	-	-
600 µA/6000 µA/60 mA/600 mA	-	-	-	-
6 A/10 A	-	-	-	-
600 mA	-	-	-	-
600 µA/6 mA/60 mA/600 mA	-	-	-	-
Resistance(Ω)				
600 /6 k/6 0k/600 k/6 M	± (0.8%+3)	-	-	-
60 MΩ	± (1.2%+30)			-
600 /6 k/60 k/600 k/6 M	-	-	± (0.8%+3)	-
Capacitance				
6 nF	± (4.0 % +30)			-
60 nF/600 nF/6 µF/60 uF/600 µF/6 mF ±(4.0%+3)	± (4.0 %+3)	-	± (4.0 %+3)	-
100 mF	± (5.0 %+3)			-
60 nF/60 0nF/6 µF/60 uF/600 µF/6 mF ±(4.0%+3)	-	± (4.0 %+3)	-	-
10 nF/100 nF/1000 nF/10 µF/100 µF/1000 µF/10 mF	-	-	-	-
60 nF/600 nF/6 µF/60 µF/600 µF/6 mF	-	-	-	-
30 nF/300 nF/3 µF/30 µF	-	-	-	-
300 µF/3 mF	-	-	-	-
30 mF	-	-	-	-
300 mF	-	-	-	-
10 nF/100 nF/1 µF/10 µF/100 µF	-	-	-	-
	-	-	-	-
Frequency				
60/600/6 k/60 k/600 k/6 M/10 MHz	± (1.0%+3)	-	± (1.0%+3)	-
9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz	-	± (1.0%+3)	-	-
10 H/100 Hz/1000 Hz/10 kHz/100 kHz/1000 kHz/10 MHz	-	-	-	-
30 ~1000 Hz	-	-	-	-
10 ~300 Hz	-	-	-	-
10 Hz ~10 MHz	-	-	-	-
Duty				
5 % ~95 %	± (2.0 %+3)			-
0.1 % ~ 99 %	-	-	-	-
1 % ~ 99 %	-	-	-	-
hFE				
0 ~1000	± (1.0 %+3)	-	± (1.0 %+3)	-

BMET-1110	-	-	-	-
DC_Current				
10 A	-	± (1.2%+3)	-	-
Resistance				
600 Ω/6 kΩ/60 kΩ/6 MΩ	-	± (0.8%+3)	-	-
2 kΩ/20 kΩ/200 kΩ/2 MΩ /10 MΩ	-	-	-	+ (1.0%+3)
200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ/10 MΩ	-	-	-	-
20 MΩ	-	-	-	-
200 Ω/2 kΩ/20 kΩ/200 kΩ	-	-	-	-
2 MΩ	-	-	-	-
200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ	-	-	-	-
20MΩ	-	-	-	-
600 Ω/6 kΩ/60 kΩ/600 kΩ/6 MΩ/60 MΩ	-	-	-	-
6 kΩ/60 kΩ/600 kΩ	-	-	-	-
6 MΩ/10 MΩ	-	-	-	-
300 Ω/3 kΩ/30 kΩ/300 kΩ	-	-	-	-
3 kM/30 kΩ/300 kΩ	-	-	-	-
30 MΩ	-	-	-	-
300 MΩ	-	-	-	-
400 Ω/4 kΩ/40 kΩ/400 kΩ	-	-	-	-
600 Ω/6 kΩ/60 kΩ/600 kΩ/6 MΩ	-	-	-	-
60 MΩ	-	-	-	-
Temperature				
-20 °C~1000 °C / -45F~1832 °F	-	± (1.0 %+3)	-	-
-20 °C ~ 1000 °C/ - 4 °F' 1832 °F ± (1.036+3)	-	-	± (1.0 %+3)	-
- 20 °C ~ 1000 °C	-	-	-	-
0 °F ~ 1800 °F	-	-	-	-
- 20 °C ~ 1300 °C	-	-	-	-
- 4 °F ~ 2372 ° F	-	-	-	-
Counts	-	6000 Counts	-	-
ACV/ACATRMS	-	Yes	-	-
ACV (bandwidth)	-	1 kHz	-	-
Temperature1	-	Yes	-	-
Frequency1	-	10MHz	-	-
Duty1	-	5 %~95 %	-	-
Resistance1	-	60 MΩ	-	-
Capacitance1	-	100 mF	-	-
Continuity	-	Yes (Sound and LED Alarm)	-	Yes
Diode Test	-	Yes	-	-
Low Battery Indication	-	Yes	-	-
Work Light	-	Yes (High,Medium And Low) Sound And LED Alarm	-	Yes
NCV	-	Yes	-	Yes
Auto Power Off	-	Yes	-	-
Power Supply	-	4x1.5 V AA Batteries	-	2x 1.5 V AAA Batteries
Weight	-	Approx. 337.5/334 g	-	Approx. 133.5/146.5 g
Size	-	194x90x55 mm	-	130x62x27 mm
Safety Standard/Rating	-	EN61010-1,-2-030,EN61010-2-033 EN61326-1,CAT.III 1000 V	-	EN61010-1,EN61010-2-033,EN61326,CAT.III 600 V
Display	-	-	-	2000 Counts
Data Hold	-	-	-	Yes
DC				
10 A	-	-	-	-
AC				
10A	-	-	-	-
Maximum Value Hold	-	-	-	-
Auto / Manual Range	-	-	-	-
Bargraph Display	-	-	-	-
Relative Measurement	-	-	-	-

True RMS	-	-	-	-
MAX/IMIN	-	-	-	-
Interface	-	-	-	-
Transistor	-	-	-	-
Back Light	-	-	-	-
Auto Range	-	-	-	-
Live Test	-	-	-	-
USB Interface	-	-	-	-
Capacitance Test	-	-	-	-
AC+DC Voltage Measurement	-	-	-	-
359.5 g(Without Battery)	-	-	-	-
195x93x54 mm	-	-	-	-
Manual Rang	-	-	-	-
NCV Non-Contact Voltage Detection	-	-	-	-
Flashlight	-	-	-	-
VFD Measurement	-	-	-	-
MAX/MIN Measurement	-	-	-	-
Live Line Voltage Detection	-	-	-	-

Model	BMET-1105	BMET-1106	BMET-1107	BMET-1108
DC Voltage				
600 mV/6 V/60 V/600 V/1000 V	-	-	-	-
2 V/20 V/200 V	-	-	-	-
600 V	± (0.8%+5)	± (0.8%+2)	-	-
200 mV/2 V/20 V/200 V	± (0.5%+3)	± (0.5%+2)	-	-
60 mV/600 mV/6 V/60 V/600 V/1000 V	-	-	-	± (0.7%+2)
6 V/60 V/600 V	-	-	-	-
300 mV	-	-	-	-
3 V/30 V/300 V	-	-	-	-
1000 V	-	-	-	-
400 Mv/4 V/40 V/400 V	-	-	-	-
60 Mv/600 mV/6 V/60 V	-	-	-	-
AC Voltage				
6 V/60 V	-	-	-	-
600 V/750 V	-	-	-	-
2 V/20 V/200 V	-	± (1.2%+10)	± (1.0%+3)	-
600 V	± (1.0%+5)	-	± (1.2%+3)	-
200 V/600 V	± (0.8%+3)	-	-	-
60 mV/600 mV/6 V/60 V/600 V/750 V	-	-	-	± (0.8%+3)
60 Mv/600 mV/6 V/60 V/600 V/750 V	-	-	-	-
40 V/400 V/600 V	-	-	-	-
60 mV/600 mV/6 V/60 V/600 V	-	-	-	-
DC Current				
60 µA/60 mA/600 mA	-	-	-	-
20 A	-	-	-	-
60 µA/600 µA/6 mA/60 mA/600 mA	-	-	-	-
200 µA/2000 µA/20 mA/200 mA	± (1.8%+5)	-	-	-
200 µA/2 mA/20 mA	-	± (1.0%+2)	-	-
200 mA	-	± (1.5%+2)	-	-
10 A	-	± (3.0%+2)	-	-
200 µA/2 mA/20 mA/200 MA	-	-	± (1.5%+3)	-
600 µA/6000 µA/60 MA/600 mA	-	-	-	± (1.2%+3)
6 A/10 A	-	-	-	± (2.0%+10)
600 mA	-	-	-	-
300 µA/3 mA/30 mA/300 mA	-	-	-	-
400 µA/4 mA/40 mA/400 mA	-	-	-	-
400 mA	-	-	-	-
600 µA/6 mA/60 mA/600 mA	-	-	-	-
AC Current				
60 mA/600 mA	-	-	-	-
20 A	-	-	-	-
60 µA/600 µA/6 mA/60 mA/600 mA/	-	-	-	-
200 uA/2000 uA/20 mA/200 mA	± (2.0%+5)	-	-	-
200 µA/2 mA/20 mA/200 mA	-	-	± (1.5%+4)	-
600 µA/6000 µA/60 MA/600 mA	-	-	-	± (1.5%+3)
6 A/10 A	-	-	-	± (3.0%+10)
600 mA	-	-	-	-
600 µA/6 mA/60 mA/600 mA	-	-	-	-
Resistance(Ω)				
600 /6 k/6 0k/600 k/6 M	-	-	-	-
60 MΩ	-	-	-	-
600 /6 k/60 k/600 k/6 M	-	-	-	-

Capacitance				
6 nF	-	-	-	-
60 nF/600 nF/6 μ F/60 uF/600 μ F/6 mF $\pm(4.0\%+3)$	-	-	-	-
100 mF	-	-	-	-
60 nF/60 0nF/6 μ F/60 uF/600 μ F/6 mF $\pm(4.0\%+3)$	-	-	-	-
10 nF/100 nF/1000 nF/10 μ F/100 μ F/1000 μ F/10 mF	-	-	-	$\pm (3.0\%+3)$
60 nF/600 nF/6 μ F/60 μ F/600 μ F/6 mF	-	-	-	-
30 nF/300 nF/3 μ F/30 μ F	-	-	-	-
300 μ F/3 mF	-	-	-	-
30 mF	-	-	-	-
300 mF	-	-	-	-
10 nF/100 nF/1 μ F/10 μ F/100 μ F	-	-	-	-
	-	-	-	-
Frequency				
60/600/6 k/60 k/600 k/6 M/10 MHz	-	-	-	-
9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz	-	-	-	-
10 H/100 Hz/1000 Hz/10 kHz/100 kHz/1000 kHz/10 MHz	-	-	-	$\pm (1.0\%+5)$
30 ~1000 Hz	-	-	-	-
10 ~300 Hz	-	-	-	-
10 Hz ~10 MHz	-	-	-	-
Duty				
5 % ~95 %	-	-	-	-
0.1 % ~ 99 %	-	-	-	-
1 % ~ 99 %	-	-	-	-
hFE				
0 ~1000	-	-	-	-
BMET-1110	-	-	-	-
DC_Current				
10 A	-	-	-	-
Resistance				
600 Ω /6 k Ω /60 k Ω /6 M Ω	-	-	-	-
2 k Ω /20 k Ω /200 k Ω /2 M Ω /10 M Ω	-	-	-	-
200 Ω /2 k Ω /20 k Ω /200 k Ω /2 M Ω /10 M Ω	$\pm (1.0\%+3)$	-	-	-
20 M Ω	$\pm (1.2\%+15)$	-	-	-
200 Ω /2 k Ω /20 k Ω /200 k Ω	-	$\pm (0.8\%+2)$	-	-
2 M Ω	-	$\pm (1.0\%+2)$	-	-
200 Ω /2 k Ω /20 k Ω /200 k Ω /2 M Ω	-	-	$\pm (0.8\%+2)$	-
20M Ω	-	-	$\pm (1.0 \% + 2)$	-
600 Ω /6 k Ω /60 k Ω /600 k Ω /6 M Ω /60 M Ω	-	-	-	$\pm (1.2\%+5)$
6 k Ω /60 k Ω /600 k Ω	-	-	-	-
6 M Ω /10 M Ω	-	-	-	-
300 Ω /3 k Ω /30 k Ω /300 k Ω	-	-	-	-
3 kM/30 k Ω /300 k Ω	-	-	-	-
30 M Ω	-	-	-	-
300 M Ω	-	-	-	-
400 Ω /4 k Ω /40 k Ω /400 k Ω	-	-	-	-
600 Ω /6 k Ω /60 k Ω /600 k Ω /6 M Ω	-	-	-	-
60 M Ω	-	-	-	-
Temperature				
-20 °C~1000 °C / -45F~1832 °F	-	-	-	-
-20 °C ~ 1000 °C/ - 4 °F 1832 °F $\pm (1.036+3)$	-	-	-	-
- 20 °C ~ 1000 °C	-	-	$\pm (3.0 \% +3)$	-
0 °F ~ 1800 °F	-	-	$\pm (3.0 \%+3)$	-
- 20 °C ~ 1300 °C	-	-	-	-
- 4 °F ~ 2372 °F	-	-	-	-
Counts	-	-	-	-
ACV/ACATRMS	-	-	-	-
ACV (bandwidth)	-	-	-	-
Temperature1	-	-	-	-
Frequency1	-	-	-	-
Duty1	-	-	-	-
Resistance1	-	-	-	-
Capacitance1	-	-	-	-
Continuity	Yes			
Diode Test	-	Yes		
Low Battery Indication	-	-	-	-
Work Light	Yes	-	-	-
NCV	Yes	-	-	-
Auto Power Off	-	-	-	-
Power Supply	2x 1.5 V AAA Batteries	1x9V 6F22 Batteries	1x9 V 6F22 Battery	4x1.5 V AA Batteries
Weight	Approx. 133.5/146.5 g	Approx. 169.5/173/174.5 g	Approx. 172.5/173 g	Approx. 352.5/360.5g
Size	130x62x27 mm	148x74x42 mm		194x93x55 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033,EN61326,CAT.III 600 V	EN61010-1,EN61010-2-033, EN61326,CAT.III 600 V	EN61010-1,EN61010-2-033, EN61326,CAT.III 600 V	EN61010-1,EN61010-2-033, EN61326,CAT.III 1000V
Display	2000 Counts			6000 Counts
Data Hold	Yes			
DC				

10 A	-	-	± (3.0%+3)	-
AC				
10A	-	-	± (3.0%+3)	-
Maximum Value Hold	-	-	Yes	-
Auto / Manual Range	-	-	-	Yes
Bargraph Display	-	-	-	Yes
Relative Measurement	-	-	-	Yes
True RMS	-	-	-	Yes
MAX/IMIN	-	-	-	Yes
Interface	-	-	-	USB interface
Transistor	-	-	-	Yes
Back Light	-	-	-	Yes
Auto Range	-	-	-	-
Live Test	-	-	-	-
USB Interface	-	-	-	-
Capacitance Test	-	-	-	-
AC+DC Voltage Measurement	-	-	-	-
359.5 g(Without Battery)	-	-	-	-
195x93x54 mm	-	-	-	-
Manual Rang	-	-	-	-
NCV Non-Contact Voltage Detection	-	-	-	-
Flashlight	-	-	-	-
VFD Measurement	-	-	-	-
MAX/MIN Measurement	-	-	-	-
Live Line Voltage Detection	-	-	-	-

Model	BMET-1109	BMET-1110	BMET-1111	BMET-1112
DC Voltage				
600 mV/6 V/60 V/600 V/1000 V	-	-	-	-
2 V/20 V/200 V	-	-	-	-
600 V	-	-	-	± (0.1%+2)
200 mV/2 V/20 V/200 V	-	-	-	-
60 mV/600 mV/6 V/60 V/600 V/1000 V	-	-	-	-
6 V/60 V/600 V	± (0.8%+3)		-	-
300 mV	-	-	± (0.1%+5)	-
3 V/30 V/300 V	-	-	± (0.05%+5)	-
1000 V	-	-	± (0.1%+5)	-
400 Mv/4 V/40 V/400 V	-	-	-	± (0.8%+2)
60 Mv/600 mV/6 V/60 V	-	-	-	-
AC Voltage				
6 V/60 V	-	-	-	-
600 V/750 V	-	-	-	-
2 V/20 V/200 V	-	-	-	-
600 V	-	-	-	-
200 V/600 V	-	-	-	-
60 mV/600 mV/6 V/60 V/600 V/750 V	± (0.8%+3)	-	-	-
60 Mv/600 mV/6 V/60 V/600 V/750 V	-	± (0.8%+3)	-	-
40 V/400 V/600 V	-	-	-	± (1.2%+10)
60 mV/600 mV/6 V/60 V/600 V	-	-	-	-
DC Current				
60 µA/60 mA/600 mA	-	-	-	-
20 A	-	-	-	-
60 µA/600 µA/6 mA/60 mA/600 mA	-	-	-	-
200 µA/2000 µA/20 mA/200 mA	-	-	-	-
200 µA/2 mA/20 mA	-	-	-	-
200 mA	-	-	-	-
10 A	-	-	± (1.2%+50)	± (3.0%+2)
200 µA/2 mA/20 mA/200 MA	-	-	-	-
600 µA/6000 µA/60 MA/600 mA	-	-	-	-
6 A/10 A	-	-	-	-
600 mA	-	± (1.0%+3)	-	-
300 µA/3 mA/30 mA/300 mA	-	-	± (0.5%+10)	-

400 μ A/4 mA/40 mA/400 mA	-	-	-	$\pm (0.1\%+2)$
400 mA	-	-	-	$\pm (1.5\%+2)$
600 μ A/6 mA/60 mA/600 mA	-	-	-	-
AC Current				
60 mA/600 mA	-	-	-	-
20 A	-	-	-	-
60 μ A/600 μ A/6 mA/60 mA/600 mA/	-	-	-	-
200 μ A/2000 μ A/20 mA/200 mA	-	-	-	-
200 μ A/2 mA/20 mA/200 mA	-	-	-	-
600 μ A/6000 μ A/60 MA/600 mA	-	-	-	-
6 A/10 A	-	-	-	-
600 mA	-	$\pm (1.5\%+3)$	-	-
600 μ A/6 mA/60 mA/600 mA	-	-	-	-
Resistance(Ω)				
600 /6 k/6 0k/600 k/6 M	-	-	-	-
60 M Ω	-	-	-	-
600 /6 k/60 k/600 k/6 M	-	-	-	-
Capacitance				
6 nF	-	-	-	-
60 nF/600 nF/6 μ F/60 uF/600 μ F/6 mF $\pm(4.0\%+3)$	-	-	-	-
100 mF	-	-	-	-
60 nF/60 0nF/6 μ F/60 uF/600 μ F/6 mF $\pm(4.0\%+3)$	-	-	-	-
10 nF/100 nF/1000 nF/10 μ F/100 μ F/1000 μ F/10 mF	-	-	-	-
60 nF/600 nF/6 μ F/60 μ F/600 μ F/6 mF	$\pm (4.0\%+5)$	$\pm (1.0\%+5)$	-	-
30 nF/300 nF/3 μ F/30 μ F	-	-	$\pm (3.0 \% + 5)$	-
300 μ F/3 mF	-	-	$\pm (4.0 \% +5)$	-
30 mF	-	-	$\pm (10.0 \%+5)$	-
300 mF	-	-	$\pm (20.0\%+5)$	-
10 nF/100 nF/1 μ F/10 μ F/100 μ F	-	-	-	-
	-	-	-	-
Frequency				
60/600/6 k/60 k/600 k/6 M/10 MHz	-	-	-	-
9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz	-	-	-	-
10 H/100 Hz/1000 Hz/10 kHz/100 kHz/1000 kHz/10 MHz	-	-	-	-
30 ~1000 Hz	$\pm (0.5\%+2)$		-	-
10 ~300 Hz	-	-	$\pm (0.01.0 \%+5)$	-
10 Hz ~10 MHz	-	-	-	-
Duty				
5 % ~95 %	-	-	-	-
0.1 % ~ 99 %	-	-	$\pm (2.0 \%+5)$	-
1 % ~ 99 %	-	-	-	-
hFE				
0 ~1000	-	-	-	-
BMET-1110	-	-	-	-
DC_Current				
10 A	-	-	-	-
Resistance				
600 Ω /6 k Ω /60 k Ω /6 M Ω	-	-	-	-
2 k Ω /20 k Ω /200 k Ω /2 M Ω /10 M Ω	-	-	-	-
200 Ω /2 k Ω /20 k Ω /200 k Ω /2 M Ω /10 M Ω	-	-	-	-
20 M Ω	-	-	-	-
200 Ω /2 k Ω /20 k Ω /200 k Ω	-	-	-	-
2 M Ω	-	-	-	-
200 Ω /2 k Ω /20 k Ω /200 k Ω /2 M Ω	-	-	-	-
20M Ω	-	-	-	-

600 Ω/6 kΩ/60 kΩ/600 kΩ/6 MΩ/60 MΩ	-	-	-	-
6 kΩ/60 kΩ/600 kΩ	± (1.0%+3)		-	-
6 MΩ/10 MΩ	± (1.2%+5)		-	-
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)	-
400 Ω/4 kΩ/40 kΩ/400 kΩ	-	-	-	± (0.8%+3)
600 Ω/6 kΩ/60 kΩ/600 kΩ/6 MΩ	-	-	-	-
60 MΩ	-	-	-	-
Temperature				
-20 °C~1000 °C / -45F~1832 °F	-	-	-	-
-20 °C ~ 1000 °C/ - 4 °F' 1832 °F ± (1.036+3)	-	-	-	-
- 20 °C ~ 1000 °C	-	-	-	-
0 °F ~ 1800 °F	-	-	-	-
- 20 °C ~ 1300 °C	-	± (1.0%+3)	-	-
- 4 °F ~ 2372 ° F	-	± (1.0 % + 3)	-	-
Counts	-	-	-	-
ACV/ACATRMS	-	-	-	-
ACV (bandwidth)	-	-	-	-
Temperature1	-	-	-	-
Frequency1	-	-	-	-
Duty1	-	-	-	-
Resistance1	-	-	-	-
Capacitance1	-	-	-	-
Continuity	Yes			
Diode Test	-	-	Yes	
Low Battery Indication	-	-	-	-
Work Light	Yes		-	-
NCV	Yes		-	-
Auto Power Off	Yes		-	-
Power Supply	3 x 1.5V AAA Batteries	3x 1.5V AAA Batteries	4x1.5 VAA Batteries	2 x 1.5VAAA
Weight	Approx.243 g	Approx.250 g	-	268.5
Size	169x83x53 mm		-	166x78x48 mm
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326,CAT.III 600 V		-	EN61010-1,EN61010-2-033,EN61326,CAT.III 600 V
Display	6000 Counts		-	4000
Data Hold	Yes			
DC				
10 A	-	-	-	-
AC				
10A	-	-	-	-
Maximum Value Hold	-	-	-	-
Auto / Manual Range	-	-	Yes	-
Bargraph Display	Yes			
Relative Measurement	-	-	Yes	-
True RMS	-	-	Yes	-
MAX/IMIN	-	-	Yes	-
Interface	-	-	-	-
Transistor	-	Yes		-
Back Light	Yes			
Auto Range	Yes		-	-
Live Test	Yes		-	-
USB Interface	-	-	Yes	-
Capacitance Test	-	-	Yes	-
AC+DC Voltage Measurement	-	-	Yes	-

359.5 g(Without Battery)	-	-	Size	-
195x93x54 mm	-	-	Safety Level	-
Manual Rang	-	-	-	Yes
NCV Non-Contact Voltage Detection	-	-	-	Yes
Flashlight	-	-	-	Yes
VFD Measurement	-	-	-	-
MAX/MIN Measurement	-	-	-	-
Live Line Voltage Detection	-	-	-	-

Model	BMET-1113
DC Voltage	
600 mV/6 V/60 V/600 V/1000 V	-
2 V/20 V/200 V	-
600 V	± (0.5%+3)
200 mV/2 V/20 V/200 V	-
60 mV/600 mV/6 V/60 V/600 V/1000 V	-
6 V/60 V/600 V	-
300 mV	-
3 V/30 V/300 V	-
1000 V	-
400 Mv/4 V/40 V/400 V	-
60 Mv/600 mV/6 V/60 V	± (0.5%+3)
AC Voltage	
6 V/60 V	-
600 V/750 V	-
2 V/20 V/200 V	-
600 V	-
200 V/600 V	-
60 mV/600 mV/6 V/60 V/600 V/750 V	-
60 Mv/600 mV/6 V/60 V/600 V/750 V	-
40 V/400 V/600 V	-
60 mV/600 mV/6 V/60 V/600 V	± (0.8%+3)
DC Current	
60 µA/60 mA/600 mA	-
20 A	-
60 µA/600 µA/6 mA/60 mA/600 mA	-
200 µA/2000 µA/20 mA/200 mA	-
200 µA/2 mA/20 mA	-
200 mA	-
10 A	-
200 µA/2 mA/20 mA/200 MA	-
600 µA/6000 µA/60 MA/600 mA	-
6 A/10 A	± (1.2%+3)
600 mA	-
300 µA/3 mA/30 mA/300 mA	-
400 µA/4 mA/40 mA/400 mA	-
400 mA	-
600 µA/6 mA/60 mA/600 mA	± (0.8%+3)
AC Current	

60 mA/600 mA	-
20 A	-
60 μ A/600 μ A/6 mA/60 mA/600 mA/	-
200 μ A/2000 μ A/20 mA/200 mA	-
200 μ A/2 mA/20 mA/200 mA	-
600 μ A/6000 μ A/60 MA/600 mA	-
6 A/10 A	$\pm (1.5\%+3)$
600 mA	-
600 μ A/6 mA/60 mA/600 mA	$\pm (0.1\%+3)$
Resistance(Ω)	
600 /6 k/6 0k/600 k/6 M	-
60 M Ω	-
600 /6 k/60 k/600 k/6 M	-
Capacitance	
6 nF	-
60 nF/600 nF/6 μ F/60 μ F/600 μ F/6 mF $\pm(4.0\%+3)$	-
100 mF	$\pm (5.0 \%+5)$
60 nF/60 0nF/6 μ F/60 μ F/600 μ F/6 mF $\pm(4.0\%+3)$	-
10 nF/100 nF/1000 nF/10 μ F/100 μ F/1000 μ F/10 mF	-
60 nF/600 nF/6 μ F/60 μ F/600 μ F/6 mF	-
30 nF/300 nF/3 μ F/30 μ F	-
300 μ F/3 mF	-
30 mF	-
300 mF	-
10 nF/100 nF/1 μ F/10 μ F/100 μ F	$\pm (3.0 \% + 5)$
	$\pm (4.0 \% + 5)$
Frequency	
60/600/6 k/60 k/600 k/6 M/10 MHz	-
9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz	-
10 H/100 Hz/1000 Hz/10 kHz/100 kHz/1000 kHz/10 MHz	-
30 ~1000 Hz	-
10 ~300 Hz	-
10 Hz ~10 MHz	$\pm (1.0\%+5)$
Duty	
5 % ~95 %	-
0.1 % ~ 99 %	-
1 % ~ 99 %	$\pm (3.0 \%+5)$
hFE	
0 ~1000	-
BMET-1110	-
DC_Current	
10 A	-
Resistance	
600 Ω /6 k Ω /60 k Ω /6 M Ω	-
2 k Ω /20 k Ω /200 k Ω /2 M Ω /10 M Ω	-
200 Ω /2 k Ω /20 k Ω /200 k Ω /2 M Ω /10 M Ω	-
20 M Ω	-
200 Ω /2 k Ω /20 k Ω /200 k Ω	-

2 MΩ	-
200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ	-
20MΩ	-
600 Ω/6 kΩ/60 kΩ/600 kΩ/6 MΩ/60 MΩ	-
6 kΩ/60 kΩ/600 kΩ	-
6 MΩ/10 MΩ	-
300 Ω/3 kΩ/30 kΩ/300 kΩ	-
3 kM/30 kΩ/300 kΩ	-
30 MΩ	-
300 MΩ	-
400 Ω/4 kΩ/40 kΩ/400 kΩ	-
600 Ω/6 kΩ/60 kΩ/600 kΩ/6 MΩ	± (1.2%+5)
60 MΩ	± (2.0%+5)
Temperature	
-20 °C~1000 °C / -45F~1832 °F	-
-20 °C ~ 1000 °C/ - 4 °F' 1832 °F ± (1.036+3)	-
- 20 °C ~ 1000 °C	-
0 °F ~ 1800 °F	-
- 20 °C ~ 1300 °C	-
- 4 °F ~ 2372 ° F	-
Counts	-
ACV/ACATRMS	-
ACV (bandwidth)	-
Temperature1	-
Frequency1	-
Duty1	-
Resistance1	-
Capacitance1	-
Continuity	Yes
Diode Test	Yes
Low Battery Indication	-
Work Light	-
NCV	-
Auto Power Off	-
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
Display	6000
Data Hold	Yes
DC	
10 A	-
AC	
10A	-
Maximum Value Hold	-
Auto / Manual Range	-
Bargraph Display	Yes
Relative Measurement	Yes

True RMS	-
MAX/IMIN	-
Interface	-
Transistor	-
Back Light	Yes
Auto Range	Yes
Live Test	-
USB Interface	-
Capacitance Test	-
AC+DC Voltage Measurement	-
359.5 g(Without Battery)	-
195x93x54 mm	-
Manual Rang	-
NCV Non-Contact Voltage Detection	Yes
Flashlight	-
VFD Measurement	Yes
MAX/MIN Measurement	Yes
Live Line Voltage Detection	Yes



BMET-1100



BMET-1101



BMET-1102



BMET-1104



BMET-1105



BMET-1106



BMET-1107



BMET-1108



BMET-1109



BMET-1110



BMET-1111



BMET-1112



Product Image Coming Soon

BMET-1113

BMET-1301 PORTABLE PH/ORP METER



pH

1 to 5 points push-button calibration with auto-buffer recognition

Selectable pH buffer group (USA / NIST / DIN) or using the custom calibration solutions

Automatic electrode diagnosis with pH slope and offset display

Automatic Temperature Compensation provides accurate reading over the entire range

Calibration Due Reminder prompts user to calibrate the meter regularly

ORP

1 point offset calibration allows adjusting the displayed value to a known standard

Relative and absolute millivolt modes provide the reliable ORP measurements

GENERAL

Stability indicator shows when a measurement is recognized as stable

Auto-Hold feature senses and locks the measurement endpoint

Setup menu allows setting the 9 parameters, including the pH buffer group, number of calibration points, resolution, stability criteria, auto-power off, etc

Reset feature automatically resumes all settings back to factory default options

Expanded memory stores and recalls up to 500 data sets

Stored readings can be transferred into the computer by USB communication interface

Multi-mode power scheme (battery, power adapter or USB port) ensures that use the meter smoothly

SPECIFICATIONS

Model	BMET-1301
pH Measuring Range	- 2 ~ 20 pH
Temperature Measurement Range	0 ~ 105 °C, 32 ~ 221 °F
pH Resolution	0.001, 0.01, 0.1
mV Measuring Range	± 1999.9 mV
Temperature Accuracy	± 0.5 °C, ± 0.9 °F
pH Basic Error	± 0.002 pH
Basic Error	± 0. 2mV
pH Calibration Points	1 ~ 5 points (USA, NIST, DIN, Custom)
Temperature Compensation	Automatic/Manual 0 ~ 100 °C, 32 ~ 212 °F
Storage Capacity	Stores up to 500 data sets
Temp Calibration Points	1 point
Calibration Due Alarm	1 ~ 31 days
Hold Function	Manual or Automatic endpoint detection

Stability Criteria	Low or High
mV Calibration Points	1 point (Only for Relative mV mode)
Output	USB communication interface
Dimensions and Weight	170 (L) × 85 (W) × 30 (H) mm
Weight	300 g
Standard accessories	pH electrode, temperature probe, pH buffer solutions (4.01 / 7.00 / 10.01), carrying case
Power Supply	3 × 1.5 V AA batteries or DC5 V power adapter

BMET-1302 BENCHTOP PH/MV METER



- 1 to 3 points push-button calibration with auto-buffer recognition
- Selectable pH buffer group, including the USA and NIST options
- Automatic electrode slope display helps user decide whether to replace sensor
- Automatic Temperature Compensation provides accurate reading over the entire range
- Auto-Hold feature senses and locks the measurement endpoint
- Manual temperature calibration corrects the temperature deviation
- Setup menu allows setting the 5 parameters, including the pH buffer group, number of calibration points, temperature unit, etc
- Reset feature automatically resumes all settings back to factory default options

SPECIFICATIONS

Model	BMET-1302
pH Measuring Range	-1 ~ 15 pH
Temperature Measurement Range	0 ~ 105 °C, 32 ~ 221 °F
pH Resolution	0.001
mV Measuring Range	± 1999 mV
Temperature Accuracy	1 °C
pH Basic Error	± 0.01 pH
Basic Error	± 1 mV
pH Calibration Points	1 ~ 3 points, USA (pH 4.01 / 7.00 / 10.01) or NIST (pH 4.01 / 6.86 / 9.18)
Temperature Compensation	Manual or Automatic 0~100°C, 32~212°F
mV Resolution	1 mV
Temp Calibration Points	1 point
Temp Resolution	0.1 °C
Hold Function	Manual or Automatic endpoint detection
Power Off	Manual or Automatic (3 hours after last key pressed)
Dimensions	210 (L) × 205 (W) × 75 (H) mm
Weight	1.5 kg
Standard accessories	pH electrode, Temperature probe, pH buffer pouches (4.01/ 7.00 /10.01), Power adapter
Power Supply	DC9 V, using AC adapter, 220V AC / 50 Hz



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