



AVO NEW ZEALAND

APPA iMeter5

Specifications

Voltage AC	Range: 400.0mV~600V Basic Accuracy: +/- (0.9%+5d) at 50Hz~500Hz Input Impedance: 10M Ω /100pF Overload Protection: 600V rms Conversion Type: Average sensing RMS indicating
Voltage DC	Range: 400.0mV~600V Basic Accuracy: +/- (0.6%+2d) Input Impedance: 10M Ω Overload Protection: 600V DC
Current AC	Range: 400.0uA, 4000uA Resolution: 0.1uA Basic Accuracy: +/- (0.9%+5d) at 50Hz~500Hz Input Protection: 600V rms Conversion Type: Average sensing RMS indicating
Current DC	Range: 400.0uA, 4000uA Resolution: 0.1uA Basic Accuracy: +/- (0.9%+5d) at 50Hz~500Hz Input Protection: 600V DC
Resistance	Range: 400.0 Ω ~40.00M Ω Resolution: 0.1 Basic Accuracy: +/- (0.9%+2d) Overload Protection: 600V rms
Continuity Beeper	<150 Ω , 2k Hz tone buzzer
Diode Test	Open circuit voltage: 2V
Frequency Counter	Range: 40Hz~4MHz Resolution: 1Hz Basic Accuracy: +/- (0.3%+5d) Overload Protection: 600V rms
Duty Cycle	Range: 0.1%~99.9% Resolution: 0.1% Basic Accuracy: +/- (0.5%+3d) Overload Protection: 600V rms
Capacitance	Range: 40nF~4mF Resolution: 0.01nF Basic Accuracy: +/- (2.9%+5d) Overload Protection: 600V rms

General Specifications

Sampling Rate:	3 times/sec
Overload Indication:	"OL", "-OL"
Low Battery Indication:	
Auto Power Off:	Approx. 30 minutes (iMeter 3), Approx. 20 minutes (iMeter 5)
Operating Temperature:	-20 $^{\circ}$ C~50 $^{\circ}$ C, <80% RH
Storage Temperature:	-20 $^{\circ}$ C~60 $^{\circ}$ C
Temperature Coefficient:	0.15(Spec. Acc.), <18 $^{\circ}$ C or >28 $^{\circ}$ C
Safety:	IEC 61010 and designed to meet UL61010 specifications CAT. II 600V/CAT. III 300V
Power Requirement:	LR44 Button Size 1.5V x 2 batteries
Battery life: (In hours button size battery)	300 (iMeter 3), 100 (iMeter 5)
Size:	56mm(W) x 112mm(L) X 12mm(H)
Weight: In grams	100
Included with Instrument:	Deluxe carrying wallet and integral safety test leads Button size battery (Installed) and manual

