

APPA iMeter 3 and iMeter 5

Simple, Smart and Easy to Use



APPA[®]

Advanced Instrument Technology Made Easy



NEW

APPA iMeter 3

- 4000 count large scale digital display
- Auto ranging and Manual Selection
- DCV, ACV, OHM, Continuity and Diode Test
- 0.6% basic DCV accuracy
- Frequency Counter
- Capacitance Measurement
- Data Hold
- Relative Mode on Capacitance
- Auto Power Off
- Shock proof from 4 feet drops
- Compact Design on Small Size
- Integral Safety test leads
- Deluxe Carrying Wallet Included
- CAT. II 600V/CAT. III 300V Safety standard



NEW

APPA iMeter 5

- 4000 count with large scale display
- 0.6% basic DCV accuracy
- Auto ranging and Manual Selection
- Auto AC/DC Voltage selection
- Auto Resistance, Continuity, Capacitance and Diode selection
- Auto AC/DC 400.0uA and 4000uA ranges
- Frequency Counter
- Smart Data Hold
- VoltSense™ function
- Mains Voltage Indicator
- Auto Power Off
- Shock proof from 4 feet drops
- Compact Design on Small Size
- Integral Safety test leads
- Deluxe Carrying Wallet Included
- CAT. II 600V/CAT. III 300V Safety standard

Specifications subject to change without notice.
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APPA iMeter 3 and iMeter 5 CARD TYPE MULTIMETERS

FEATURES:

	APPA iMeter 3	APPA iMeter 5
Digital display	4000 count	4000 count
Range selection	Auto/Manual	Auto/Manual
Auto AC/DC Voltage selection	N/A	•
Auto Resistance, Continuity, Capacitance and Diode selection	N/A	•
Auto AC/DC 400.0uA AND 4000uA ranges	N/A	•
Smart Data Hold	N/A	•
VoltSense™	N/A	•
Frequency counter	•	•
Capacitance measurement	•	•
Automatic power shut off	•	•
Shock proof from 4 feet drops	•	•
Integral Safety Test Leads	•	•
Deluxe Carrying Wallet included	•	•

SPECIFICATIONS:(All at 23°C±5°C, ≤ 80% R.H.)

		APPA iMeter 3	APPA iMeter 5
DCV:	Ranges	400.0mV~600V	400.0mV~600V
	Resolution	0.1mV	0.1mV
	Basic Accuracy: ±(0.6%+2d)	•	•
	Input Impedance:10MΩ	•	•
	Overload Protection: 600VDC	•	•
ACV:	Ranges	400.0mV~600V	400.0mV~600V
	Resolution	0.1mV	0.1mV
	Basic Accuracy: ±(0.9%+5d) at 50Hz~500Hz	•	•
	Input Impedance:10MΩ //<100pF	•	•
	Overload Protection: 600V rms	•	•
	Conversion Type: Average sensing RMS indicating	•	•
DCA:	Ranges		400.0uA, 4000uA
	Resolution	N/A	0.1uA
	Basic Accuracy: ±(0.9%+5d)	•	•
	Input Protection: 600VDC	•	•
ACA:	Ranges		400.0uA, 4000uA
	Resolution	N/A	0.1uA
	Basic Accuracy: ±(0.9%+5d) at 50Hz~500Hz	•	•
	Input Protection: 600V rms	•	•
	Conversion Type: Average sensing RMS indicating	•	•
OHM:	Ranges	400.0Ω~40.00MΩ	400.0Ω~40.00MΩ
	Resolution	0.1Ω	0.1Ω
	Basic Accuracy: ±(0.9%+2d)	•	•
	Overload Protection: 600V rms	•	•
Continuity Beeper:	<30Ω, 2KHz tone buzzer	•	•
Diode Test:	Open circuit voltage: 1.5V	•	•
Frequency Counter:	Ranges	5Hz~5MHz	40Hz~4MHz
	Resolution	0.001Hz	1Hz
	Basic Accuracy: ±(0.3%+5d)	•	•
	Overload Protection: 600V rms	•	•
Duty Cycle	Ranges	0.1%~99.9%	0.1%~99.9%
	Resolution	0.1%	0.1%
	Basic Accuracy: ±(0.5%+3d)	•	•
	Overload Protection: 600V rms	•	•
Capacitance:	Ranges	50nF~100uF	40nF~4mF
	Resolution	0.01nF	0.01nF
	Basic Accuracy: ±(2.9%+5d)	•	•
	Overload Protection: 600V rms	•	•

GENERAL:

	APPA iMeter 3	APPA iMeter 5
Sampling Rate:	3times/sec	•
Overload Indication:	"OL" or "-OL"	•
Low Battery Indication		
Auto Power Off:	Approx. 30 minutes	20 min.
Operating Temperature:	0°C~50°C, ≤ 80% RH	•
Storage Temperature:	-20°C~60°C	•
Temperature Coefficient:	0.15(Spec. Acc)°C, <18°C or >28°C	•
Safety:	IEC 61010 and designed to meet UL 61010 specifications	CAT. II 600V, CAT. III 300V
Power Requirement:	LR44 Button size 1.5V x 2 battery	•
Battery Life:	In hours (Button size battery)	300
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	•

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