

APPA P Series Multimeters

Industrial and Commercial Applications



- 6,000 count digital and 60 segments analog display
- Large white LED backlight display
- True RMS measurements on ACV (P2, P3) / ACA (P3)
- LoZ for prevent false reading from ghost voltage
- AutoVolt automatic AC/DC voltage selection
- Auto Ranging
- 0.5% DCV accuracy
- Smart Hold
- Peak Hold for capture peak readings
- Relative Function
- Auto Power Off (can be disabled)
- Capacitance measurements
- Frequency Counter on ACV (P2, P3) / ACA (P3)
- Diode Test
- VoltSeek™ for non-contact voltage detection
- EasyStick™ holster with built in magnetic sticker
- ContiVision™ for visible continuity beeper
- Temperature Probe included
- Battery Capacity indication in segments
- Included Holster with Probe Holder, Tilt Stand and Magnetic sticker
- CAT IV 600V/ CATIII 1000V standard

AUTOMATICALLY VOLTAGE DETECT WITH LOW IMPEDANCE

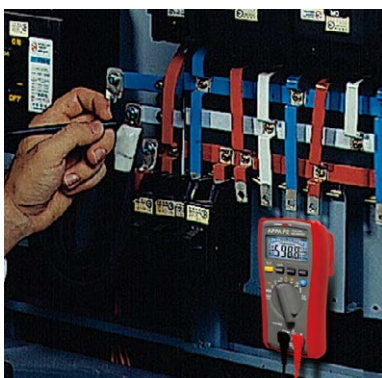
Special designed LoZ(low impedance) feature with auto Voltage detection, to prevent false reading caused by ghost voltage.

DAY & NIGHT

Super bright LED back light with 6,000 count digital and 60 segments analog display, gives you filltime visual experience, also automatically goes off to save battery life(can be disabled.)

MULTIFUNCTION HOLSTER

APPA P series meter is supplied with a protective holster that includes a build-in tilt stand, probe holder and innovative magnetic sticker to free your hands



AC TRUE RMS

Every APPA P series meter has AC True RMS reading on both Voltage and Ampere(P3 only) function for better accuracy of industrial measurement



NON CONTACT VOLTAGE DETECTING

APPA P series have VoltSeek™ feature to detect live cable and outlet without contact also find the cable alignment behind the wall as cable finder.



Features

	APPA P2	APPA P3
Digital digital	6000 count 60 segment	6000 count 60 segment
Analog bargraph display	■	■
Large white LED Backlight	■	■
Autoranging	■	■
True RMS AC measurements	■	■
Smart Data Hold	■	■
Automatic AC/DC voltage selection	■	■
LoZ to prevent ghost voltage	■	■
10 Amp ACA/DCA Measurement	N/A	■
Resistance Measurement and Diode Test	■	■
Frequency Measurement	■	■
Micro Ampere Measurement	■	N/A
Capacitance Measurement	■	N/A
Temperature Measurement	■	N/A
ContiVision™ visible continuity beeper	■	■
VoltSeek™ non contact voltage detection	■	■
EasyStick™ holster with built in magnetic sticker	■	■
Peak Hold	■	■
Relative Function	■	■
High Energy Fuse	N/A	■
Shock proof from 4 feet drops	■	■
Holster with Probe Holder, Tilt Stand and Magnetic sticker	■	■

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

		APPA P2	APPA P3
DCV:	Ranges	600.0mV, 6.000V, 60.00V, 600.0V, 1000V	600.0mV, 6.000V, 60.00V, 600.0V, 1000V
	Resolution	0.1mV	0.1mV
	Basic Accuracy	±(0.5%+2d)	±(0.5%+2d)
	Input Impedance: 10MΩ	■	■
	Overload Protection: 1000V rms	■	■
ACV:	Ranges	600.0mV, 6.000V, 60.00V, 600.0V, 1000V	600.0mV, 6.000V, 60.00V, 600.0V, 1000V
	Resolution	1mV	1mV
	Basic Accuracy: at 45Hz~500Hz	±(1.0%+3d)	±(1.0%+3d)
	Input Impedance: 10MΩ//<100pF	■	■
	Overload Protection: 1000V rms	■	■
Auto-V LoZ:	Ranges	600.0V, 1000V	600.0V, 1000V
	Resolution	0.1V	0.1V
	Basic Accuracy: at 45Hz~500Hz	±(2.0%+3d)	±(2.0%+3d)
	Input Impedance: <3KΩ	■	■
	Overload Protection: 1000V rms	■	■
DCµA:	Ranges	600.0µA	
	Resolution	0.1µA	
	Basic Accuracy	±(2.0%+3d)	
	Overload Protection: 1000V rms	■	
ACµA:	Ranges	600.0µA	
	Resolution	0.1µA	
	Basic Accuracy: at 45Hz~500Hz	±(1.5%+3d)	
DCA:	Ranges		6.000A, 10.00A
	Resolution		0.001A
	Basic Accuracy		±(1.0%+3d)
	Overload Protection: 11A		■
ACA:	Ranges		6.000A, 10.00A
	Resolution		0.001A
	Basic Accuracy: at 45Hz~500Hz		±(1.5%+3d)
	Overload Protection: 11A		■
OHM:	Ranges	600.0Ω~40.00MΩ	600.0Ω~40.00MΩ
	Resolution	0.1Ω	0.1Ω
	Basic Accuracy: 600.0Ω	±(0.9%+5d)	±(0.9%+5d)
	6.000KΩ, 60.00KΩ, 600.0KΩ, 6.000MΩ	±(0.9%+2d)	±(0.9%+2d)
	40.00MΩ	±(1.5%+5d)	±(1.5%+5d)
	Overload Protection: 1000V rms	■	■
Continuity Beeper:		<20Ω, 2KHz tone buzzer	<20Ω, 2KHz tone buzzer
Diode Test:	Ranges	1.500V	1.500V
	Resolution	0.001V	0.001V
	Basic Accuracy:	±(0.9%+2d)	±(0.9%+2d)
	Open circuit voltage	1.8V max	1.8V max
	Overload Protection: 1000V rms	■	■
Frequency Counter:	Ranges	100.00Hz~100.00KHz	100.00Hz~100.00KHz
	Resolution	0.01Hz	0.01Hz
	Basic Accuracy:	±(0.1%+2d)	±(0.1%+2d)
	Sensitivity: >5V, >20V, >0.6A	■	■
	Overload Protection: 1000V rms or 11A	■	■
Capacitance:	Ranges	1.000µF~10.00mF	1.000µF~10.00mF
	Resolution	0.1µF	0.1µF
	Basic Accuracy	±(1.9%+2d)	±(1.9%+2d)
	Overload Protection: 1000V rms	■	■
Temperature:	Ranges	-40°C~400°C	-40°F~752°F
	Resolution	0.1°C	0.1°F
	Basic Accuracy	±(1%+20d)	±(1%+36d)
	Overload Protection: 1000V rms	■	■

General

	APPA P2	APPA P3
Sampling Rate: 3times/sec	■	■
Overload Indication: "OL" or "-OL"	■	■
Low Battery Indication	□	□
Auto Power Off: Approx. 20 minutes	■	■
Operating Temperature: -10°C~50°C, 80% RH	■	■
Storage Temperature: -20°C ~ 60°C	■	■
Temperature Coefficient: 0.1(Spec. Acc)/°C, <18°C or>28°C	■	■
Safety: IEC 61010 and designed to meet UL61010 specifications	CAT IV 600V/CAT III 1000V	CAT IV 600V/CAT III 1000V
Power Requirement: Single 9V battery (NEDA 1604A or IEC 6LF22)	■	■
Battery Life: In hours (No backlit, Alkaline battery)	300	300
Size: 74mm(W) x 156mm (L) x 44mm(H)	■	■
Weight: In grams (with battery)	250	250
Included with instrument: Test Leads, Protective holster ZnC battery (installed) and manual	(also including Temperature Probe)	■



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