

FEATURES:	APPA 97III	APPA 98III	APPA 99III
Digital display	6000 count	6000 count	6000 count
Analog bargraph display	62 segments	62 segments	62 segments
Automatic AC/DC voltage detector with low impedance(Auto-V LoZ)	-	-	-
True RMS measurement	AC only	AC+DC	AC+DC
AC+DC mA measurement	N/A	-	-
AC+DC mV measurement	N/A	-	-
Smart data hold	-	-	-
Peak hold	N/A	N/A	-
Min/Max function	-	-	-
Beep guard	-	-	-
Volt sense(Non-Contact Voltage)	N/A	-	-
Frequency counter	-	-	-
Capacitance measurement	-	-	-
Audible continuity and Diode test	-	-	-
Temperature measurement	N/A	N/A	-
Automatic power shut off	-	-	-
Low battery indicator with segments	-	-	-
Water/Dust Resistant	-	-	-
Shock proof from 4 feet drops	-	-	-
Standard full-sleeve safety test leads	-	-	-

SPECIFICATIONS:(All at 23°C±5°C, ±80% R.H.)			
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	±(0.25%+2d)	±(0.25%+2d)
	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	±(1.0%+3d) at 50Hz-500Hz	±(1.0%+3d) at 50Hz-1KHz
	Overload Protection: 1000V rms	-	-
Auto-V LoZ:	Ranges	600.0V	600.0V
	Resolution	0.1V	0.1V
	Basic Accuracy	±(1.0%+3d) at 50Hz-1KHz	±(1.0%+3d) at 50Hz-1KHz
	Overload Protection: 1000V rms	-	-
AC+DC V:	Ranges	6.000V, 60.00V, 600.0V, 1000V	6.000V, 60.00V, 600.0V, 1000V
	Resolution	0.01V	0.01V
	Basic Accuracy	±(2.5%+5d)	±(2.5%+5d)
	Overload Protection: 1000V rms	-	-
AC+DC mV:	Ranges	600.0mV	60.00mV, 600.0mV
	Resolution	0.01mV	0.01mV
	Basic Accuracy	±(2.5%+5d)	±(2.5%+5d)
	Overload Protection: 1000V rms	-	-
DCA:	Ranges	60.00mA, 600.0mA, 6.000A	600.0mA, 6.000A, 10.00A
	Resolution	10.00A	0.001A
	Basic Accuracy	±(1.0%+3d)	±(1.0%+3d)
	Overload Protection: 11A or 440mA	-	-
ACA:	Ranges	60.00mA, 600.0mA, 6.000A	600.0mA, 6.000A, 10.00A
	Resolution	0.01mA	0.001A
	Basic Accuracy	±(1.5%+3d) at 50Hz-500Hz	±(1.5%+3d) at 50Hz-1KHz
	Overload Protection: 11A or 440mA	-	-
AC+DC A:	Ranges	600.0mA	6.000A, 10.00A
	Resolution	1mA	1mA
	Basic Accuracy	±(2.5%+3d) at 50Hz-1KHz	±(2.5%+3d) at 50Hz-1KHz
	Overload Protection: 11A	-	-
AC+DC mA:	Ranges	60.00mA, 600.0mA	60.00mA, 600.0mA
	Resolution	0.01mA	0.01mA
	Basic Accuracy	±(2.5%+3d)	±(2.5%+3d)
	Overload Protection: 440mA	-	-
OHM:	Ranges	600.0Ω-40.00MΩ	600.0Ω-40.00MΩ
	Resolution	0.1Ω	0.1Ω
	Basic Accuracy	±(0.8%+5d)	±(0.8%+5d)
	Overload Protection: 1000V rms	-	-
Continuity Beeper:	Open circuit voltage	1.8V max	2.5V max
	Resolution	100Hz-50.00KHz	100Hz-100.0KHz
	Basic Accuracy	±(0.1%+2d)	±(0.1%+2d)
	Overload Protection: 1000V rms or 11A	-	-
Capacitance:	Ranges	1.000μF-10.00mF	1.000μF-10.00mF
	Resolution	0.1μF	0.1μF
	Basic Accuracy	±(1.5%+8d)	±(1.2%+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%+10d)	±(1%+10d)
	Overload Protection: 1000V rms	-	-

GENERAL:			
Sampling Rate: 30ms/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: 0.15(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	CAT IV 600V, CAT III 1000V
Power Requirement: Single 1.5V battery (AAA, 1500mAh or IEC 6LR22)	-	-	-
Battery Life: In hours (No backlit, Alkaline battery)	150	150	150
Size: 34mm(W) x 120mm (L) x 48 mm(H), with holster	460	460	460
Weight: In grams (with holster)	-	-	-
Included with instrument: Test Leads, Protective holster, ZnC battery (installed) and manual	-	(also including Magnetic Hanging Kit)	(also including Magnetic Hanging Kit and Temperature Probe)

Specification subject to change without notice.

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ALL NEW APPA 90 Series III Multimeter



AUTOMATICALLY VOLTAGE DETECT WITH LOW IMPEDANCE

Special designed low impedance features with Automatically Voltage detect, designed to make electrical measurement easier and safer with extra reliability.



SMART AND SAFER DATA HOLD

Intelligent Designed Data Hold feature warns user with beeper sound, blinking backlight display once the LCD reading was hold at an uncertain operation to avoid accident activation of data hold.

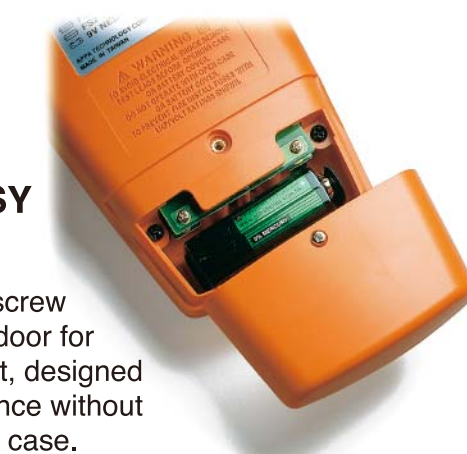


AC+DC TRUE RMS

Every APPA 90 series III meter has AC+DC True RMS reading on both Ampere and Voltage function for better accuracy of measurement.(98III, 99III)

NEW SLIM DESIGN

Ergonomically designed slim shape with one hand operated knob and buttons. Just fit the palm of your hand and your needs.



BATTERY EASY TO REPLACE

Unscrew only one screw to remove battery door for battery replacement, designed for user's convenience without opening the bottom case.



NON CONTACT VOLTAGE DETECTING

APPA New 90 series III have VoltSense™ feature to detect live cable and outlet without contact also find the cable alignment behind the wall as cable finder.(98III, 99III)

NEW

APPA 97III

6000 count digital display with 62 segment bar graph
Extra Large scale display and white backlight
True RMS
0.25% basic DCV accuracy
Automatic AC/DC Voltage detect with low impedance (Auto-V LoZ)
Smart Data Hold
Min/ Max function
Frequency Counter on AC mode
Capacitance Measurement
Low battery indicator with segments
Auto Power Off (20 minutes)
Shock proof from 4 feet drop
CAT IV 600V/CAT III 1000V
Safety standard



APPA 98III

6000 count digital display with 62 segment bar graph
Extra Large scale display and white backlight
AC+DC True RMS
0.08% basic DCV accuracy
Automatic AC/DC Voltage detect with low impedance (Auto-V LoZ)
VoltSense™ (Non-Contact Voltage detect)
Smart Data Hold
Peak Hold (1ms)
Min/Max Function
Frequency Counter on AC mode.
Capacitance Measurement
Temperature Measurement
Low battery indicator with segments
Auto Power Off (20 minutes)
Shock proof from 4 feet drops
CAT IV 600V/CAT III 1000V
Safety standard

APPA 99III

6000 count digital display with 62 segment bar graph
Extra Large scale display and white backlight
AC+DC True RMS
0.1% basic DCV accuracy
Automatic AC/DC Voltage detect with low impedance (Auto-V LoZ)
VoltSense™ (Non-Contact Voltage detect)
Smart Data Hold
Min/Max Function
Frequency Counter on AC mode
Capacitance Measurement
Low battery indicator with segments
Auto Power Off (20 minutes)
Shock proof from 4 feet drop
CAT IV 600V/CAT III 1000V
Safety standard



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