

APPA 150 SERIES CLAMP MULTIMETERS

FEATURES:	APPA 155(B)	APPA 156(B)	APPA 157(B)	APPA 158(B)
Digital display	10000 count	10000 count	10000 count	10000 count
Analog bar graph	50 segments	50 segments	50 segments	50 segments
True RMS measuring	AC+DC	AC+DC	AC+DC	AC+DC
Bluetooth	+	+	+	+
Data Logging	1000	1000	1000	1000
Auto Store	9999	9999	9999	9999
Auto Blinking	+	+	+	+
Auto AC/DC detection	+	+	+	+
Smart Data hold	+	+	+	+
Min/Max function	+	+	+	+
Peak hold	+	+	+	+
Inrush Current Measurement	+	+	+	+
DCA Zeroing	NA	NA	NA	NA
HFRL(PF)	+	+	+	+
Phase Rotation	+	+	+	+
Backlight	+	+	+	+
Torch Lighting	+	+	+	+
VoltSeek™ (Non-Contact Voltage)	+	+	+	+
Automatic Power Off (can be disabled)	+	+	+	+
Continuity Check (Beep/A.E.D)	+	+	+	+
Diode Test	+	+	+	+
Frequency counter	+	+	+	+
Capacitance Measurement	+	+	+	+
Temperature Measurement	NA	NA	NA	NA
Total Harmonic Distortion	+	+	+	+
Harmonics	+	+	+	+
Power and Power Factor measurement	+	+	+	+
Shock proof from 4 feet drops	+	+	+	+
Standard full-sleeve safety test leads	+	+	+	+
Deluxe carrying case	+	+	+	+

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

ACA:	Ranges	100.00A, 600.0A	100.00A, 600.0A	100.00A, 1000.0A	100.00A, 1000.0A
	Resolution	0.01A	0.01A	0.01A	0.01A
	Basic Accuracy: at 50%±5d at 60Hz~500Hz	±(1.5%+5d)	±(1.5%+5d)	±(1.5%+5d)	±(1.5%+5d)
DCA:	Conversion Type:	AC+DC True-RMS	AC+DC True-RMS	AC+DC True-RMS	AC+DC True-RMS
	Ranges	100.00A, 600.0A	100.00A, 600.0A	100.00A, 1000.0A	100.00A, 1000.0A
	Resolution	0.01A	0.01A	0.01A	0.01A
AC Current via sFLEX-T	Ranges	0.1A~3000A	±(1.5%+5d)	0.1A~3000A	±(1.5%+5d)
	Resolution	NA	NA	NA	NA
	Basic Accuracy:	±(1.5%+5d)	±(1.5%+5d)	±(1.5%+5d)	±(1.5%+5d)
AC+DC A:	Ranges	100.00A, 600.0A	100.00A, 600.0A	100.00V~1000V	100.00V~1000V
	Resolution	0.01A	0.01A	0.01V	0.01V
	Basic Accuracy:	±(1.0%+5d)	±(1.0%+5d)	±(0.5%+10d)	±(0.5%+10d)
ACV:	Ranges	100.00V~1000V	100.00V~1000V	100.00V~1000V	100.00V~1000V
	Resolution	0.01V	0.01V	0.01V	0.01V
	Basic Accuracy:	±(1.0%+5d)	±(1.0%+5d)	±(0.7%+2d)	±(0.7%+2d)
DCV:	Ranges	100.00V~1000V	100.00V~1000V	100.00V~1000V	100.00V~1000V
	Resolution	0.01V	0.01V	0.01V	0.01V
	Basic Accuracy:	±(0.7%+2d)	±(0.7%+2d)	±(0.5%+10d)	±(0.5%+10d)
AC+DC V:	Ranges	100.00V~1000V	100.00V~1000V	100.00V~1000V	100.00V~1000V
	Resolution	0.01V	0.01V	0.01V	0.01V
	Basic Accuracy:	±(1.7%+7d)	±(1.7%+7d)	±(1.7%+7d)	±(1.7%+7d)
Watt:	Ranges	10KW~600KW	10KW~600KW	10KW~1MW	10KW~1MW
	Resolution	1W	1W	1W	1W
	Basic Accuracy:	±5d	±5d	±5d	±5d
PF:	Ranges	-1.00~1.00	-1.00~1.00	-1.00~1.00	-1.00~1.00
	Resolution	0.01	0.01	0.01	0.01
	Basic Accuracy:	±5d	±5d	±5d	±5d
T.H.D.:	Ranges	0.1%~100.0%	0.1%~100.0%	0.1%~100.0%	0.1%~100.0%
	Resolution	0.1%	0.1%	0.1%	0.1%
	Basic Accuracy:	±(3.0%+10d)	±(3.0%+10d)	±(3.0%+10d)	±(3.0%+10d)
Harmonics:	Ranges	0.1%~100.0%	0.1%~100.0%	0.1%~100.0%	0.1%~100.0%
	Resolution	0.1%	0.1%	0.1%	0.1%
	Basic Accuracy:	±(5.0%+10d) for order 1-12 ±(10.0%+10d) for order 13-25	±(5.0%+10d) for order 1-12 ±(10.0%+10d) for order 13-25	±(5.0%+10d) for order 1-12 ±(10.0%+10d) for order 13-25	±(5.0%+10d) for order 1-12 ±(10.0%+10d) for order 13-25
OHM:	Ranges	10Ω~1000Ω	10Ω~1000Ω	10Ω~1000Ω	10Ω~1000Ω
	Resolution	0.1Ω	0.1Ω	0.1Ω	0.1Ω
	Accuracy:	±(1.0%+5d)	±(1.0%+5d)	±(1.0%+5d)	±(1.0%+5d)
Continuity Beeper:	Ranges	<30Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer
	Resolution	1Ω	1Ω	1Ω	1Ω
	Basic Accuracy:	±1.5%±8d	±1.5%±8d	±1.5%±8d	±1.5%±8d
Diode Test:	Ranges	400.0μF~4.000mF	400.0μF~4.000mF	400.0μF~4.000mF	400.0μF~4.000mF
	Resolution	1μF	1μF	1μF	1μF
	Basic Accuracy:	±1.5%±8d	±1.5%±8d	±1.5%±8d	±1.5%±8d
Frequency Counter:	Ranges	20.00Hz~10.00KHz	20.00Hz~10.00KHz	20.00Hz~10.00KHz	20.00Hz~10.00KHz
	Resolution	0.01Hz	0.01Hz	0.01Hz	0.01Hz
	Accuracy:	0.5%±3d	0.5%±3d	0.5%±3d	0.5%±3d
Temperature:	Ranges	NA	NA	NA	NA
	Resolution	NA	NA	NA	NA
	Accuracy:	NA	NA	NA	NA
GENERAL:	Sampling Rate	3times/sec	3times/sec	3times/sec	3times/sec
	Overload Indication	"OL" or "OL"	"OL" or "OL"	"OL" or "OL"	"OL" or "OL"
	Low Battery Indication	+	+	+	+
Auto Power Off: Approx. 15 minutes	+	+	+	+	
Operating Temperature: 0°C~50°C, ≤ 80% RH	+	+	+	+	
Storage Temperature: -10°C~50°C	+	+	+	+	
Temperature Coefficient: 0.2(Spec. Acc)°C, ±18°C or ±28°C	+	+	+	+	
Safety: IEC 61010 and designed to meet UL 61010 specifications	CAT IV 600V/CAT III 1000V	CAT IV 600V/CAT III 1000V	CAT IV 600V/CAT III 1000V	CAT IV 600V/CAT III 1000V	
Maximum Conductor Size	33mm dia. (750MCM)	33mm dia. (750MCM)	40mm dia. (1000MCM)	40mm dia. (1000MCM)	
Maximum Busbar Size	45x10mm	45x10mm	62x12mm	62x12mm	
Power Requirement: AAA size 1.5V x 6 batteries	+	+	+	+	
Battery Life: In hours (Alkaline battery)	50	50	50	50	
Size: 243mm(L) x 103mm(W) x 35mm(H)	+	+	+	+	
Weight: in grams(with battery)	540	540	600	600	
Included with instrument: Test Leads, 2x C battery (installed), carrying case and manual	+	+	+	+	

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All New Design Bluetooth Clamp-on Meter APPA 150/150B Series



ACTIVE BACKLIT

APPA 150/150B series Pro clamp meters all have an active backlit display that turns ON at the touch of a button or rotate the knob, also automatically goes off to save battery life.



ADVANCED POWER FEATURES MADE EASY

APPA 150/150B series Pro clamp meter provide advanced Power features, Phase rotation, Total Harmonics Distortion and even Harmonics 1 to 25th with easy-to-use interface, which enables fully professional power measurement application with excellent performance.



INNOVATIVE LIGHTENING AIDS AND LIVE VOLTAGE INDICATION

Torch lightening during cable clamping and automatically non contact voltage detection for better identification of working environment.

APPA Connect APP

APPA 150B Series with Bluetooth Ver. 4.0 feature for streaming data via iOS/Android APP on any mobile devices to provide easy Data Acquisition and Analysis.



FLEXIBLE CURRENT TEST

Integrated with sFLEX-T flexible current probe expanding the current range to 3,000 ACA, providing direct "Amp" reading display, making electrical measurement easier and safer.



AUTOMATIC SELECTION

Automatically detect AC, DC and AC+DC of Ampere and Voltage function with AC+DC True RMS, and automatically selection of resistance, continuity and diode.

APPA 155 APPA 155B Bluetooth

10,000 count digital display
50 segment Analog Bar graph
Active Backlit with Large white LED display
Bluetooth (with "B" letter) connecting (155B)
Auto Store up to 1000 memories
Data Logging up to 9,999 records
VoltSeek™ for non-contact voltage detection
True RMS reading on AC and AC+DC mode
Torch lightening on trigger push
Auto Ohms/Continuity/Diode selection
AC 600 Amps capability
Auto AC/DC 1000 Volts capability and selection
AC Current via Flexible Current Probe
Power and Power Factor Measurement
Total Harmonics Distortion and Harmonics 1 to 25
Phase Rotation Indication
100K Ohms Resistance capability
ContiVision™ for visible continuity beeper
Frequency Counter
Capacitance capability
Smart Data Hold
Peak Hold
Inrush Current
Min Max Hold
High Frequency Rejection
Auto Power Off
Up to 33mm dia. (750MCM) Conductor
4 feet Drop Proof
Deluxe Carrying Case
Hand Guard & Stream Line Designed
Convenient Battery Door
CAT IV 600V /CAT III 1000V Safety Standard



APPA 157 APPA 157B Bluetooth

10,000 count digital display
50 segment Analog Bar graph
Active Backlit with Large white LED display
Bluetooth (with "B" letter) connecting (157B)
Auto Store up to 1000 memories
Data Logging up to 9,999 records
VoltSeek™ for non-contact voltage detection
True RMS reading on AC and AC+DC mode
Torch lightening on trigger push
Auto Ohms/Continuity/Diode selection
AC 1000 Amps capability
Auto AC/DC 1000 Volts capability and selection
AC Current via Flexible Current Probe
Power and Power Factor Measurement
Total Harmonics Distortion and Harmonics 1 to 25
Phase Rotation Indication
100K Ohms Resistance capability
ContiVision™ for visible continuity beeper
Frequency Counter
Capacitance capability
Smart Data Hold
Peak Hold
Inrush Current
Min Max Hold
High Frequency Rejection
Auto Power Off
Up to 40mm dia. (1000MCM) Conductor
4 feet Drop Proof
Deluxe Carrying Case
Hand Guard & Stream Line Designed
Convenient Battery Door
CAT IV 600V /CAT III 1000V Safety Standard



APPA 156 APPA 156B Bluetooth

10,000 count digital display
50 segment Analog Bar graph
Active Backlit with Large white LED display
Bluetooth (with "B" letter) connecting (156B)
Auto Store up to 1000 memories
Data Logging up to 9,999 records
VoltSeek™ for non-contact voltage detection
True RMS reading on AC and AC+DC mode
Torch lightening on trigger push
Auto Ohms/Continuity/Diode selection
Auto AC/DC 600 Amps capability and selection
Auto AC/DC 1000 Volts capability and selection
AC Current via Flexible Current Probe
Power and Power Factor Measurement
Total Harmonics Distortion and Harmonics 1 to 25
Phase Rotation Indication
100K Ohms Resistance capability
ContiVision™ for visible continuity beeper
Frequency Counter
Capacitance capability
Smart Data Hold
Peak Hold
Inrush Current
Min Max Hold
High Frequency Rejection
Auto Power Off
Up to 33mm dia. (750MCM) Conductor
4 feet Drop Proof
Deluxe Carrying Case
Hand Guard & Stream Line Designed
Convenient Battery Door
CAT IV 600V /CAT III 1000V Safety Standard



APPA 158 APPA 158B Bluetooth

10,000 count digital display
50 segment Analog Bar graph
Active Backlit with Large white LED display
Bluetooth (with "B" letter) connecting (158B)
Auto Store up to 1000 memories
Data Logging up to 9,999 records
VoltSeek™ for non-contact voltage detection
True RMS reading on AC and AC+DC mode
Torch lightening on trigger push
Auto Ohms/Continuity/Diode selection
Auto AC/DC 1000 Amps capability and selection
Auto AC/DC 1000 Volts capability and selection
AC Current via Flexible Current Probe
Power and Power Factor Measurement
Total Harmonics Distortion and Harmonics 1 to 25
Phase Rotation Indication
100K Ohms Resistance capability
ContiVision™ for visible continuity beeper
Frequency Counter
Capacitance capability
Smart Data Hold
Peak Hold
Inrush Current
Min Max Hold
High Frequency Rejection
Auto Power Off
Up to 40mm dia. (1000MCM) Conductor
4 feet Drop Proof
Deluxe Carrying Case
Hand Guard & Stream Line Designed
Convenient Battery Door
CAT IV 600V /CAT III 1000V Safety Standard



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