

APPA158B

Bluetooth AC+DC True RMS Clampmeter



- 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 xAC 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
- °C/°F Temperature Function
- Temperature probe included
- Smart Data Hold
- Peak Hold
- Inrush Current
- DCA Auto-Zeroing Key
- 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

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.



INNOVATIVE LIGHTENING AND LIVE VOLTAGE SENSING

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



BLUETOOTH

APPA 158B is the new state of the art AC+DC True RMS Clampmeter. It is the next generation of tester from APPA and connects to IOS and Android devices seamlessly via Bluetooth.



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.

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.

Features

Digital display	10000 count
Analog bar graph	50 segments
True RMS measuring	AC+DC
Bluetooth	■
Auto Store	1000
Data Logging	9999
Auto Ranging	■
Auto AC/DC detection	■
Smart Data hold	■
Min/Max function	■
Peak hold	■
Inrush Current Measurement	■
DCA Zeroing	■
HFR(LPF)	■
Phase Rotation	■

Backlight	■
Torch Lighting	■
VoltSeek™(None Contact Voltage)	■
Automatic Power Off(can be disabled)	■
Continuity Check(Beep/LED)	■
Diode Test	■
Frequency counter	■
Capacitance Measurement	■
Temperature Measurement	■
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

ACA:	Ranges	100.00A, 1000.0A
	Resolution	0.01A
	Basic Accuracy: $\pm(1.5\%+5d)$ at 50Hz~500Hz	■
	Conversion Type:	AC+DC True-RMS
DCA:	Ranges	100.00A, 1000.0A
AC Current via SFLEX-T Ranges		0.1A~3000A
AC+DC A:	Ranges	100.00A, 1000.0A
ACV:	Ranges	100.00V~1000V
	Resolution	0.01V
	Basic Accuracy: $\pm(1.0\%+5d)$ at 50Hz~500Hz	■
	Input Impedance:3.5M Ω	■
	Overload Protection: 1000V rms	■
	Conversion Type:	AC+DC True-RMS
DCV:	Ranges	100.00V~1000V
	Resolution	0.01V
	Basic Accuracy: $\pm(0.70\%+2d)$	■
	Input Impedance:3.5M Ω	■
	Overload Protection: 1000V rms	■
AC+DC V:	Ranges	100.00V~1000V
	Resolution	0.01V
	Basic Accuracy:	$\pm(1.7\%+7d)$
	Input Impedance:3.5M Ω	■
	Overload Protection: 1000V rms	■
Watt:	Ranges	10KW~1MW
	Resolution	1W
PF:	Ranges	-1.00~1.00
	Resolution	0.01
	Basic Accuracy	$\pm 5d$
T.H.D.:	Ranges	0.1%~100.0%
	Resolution	0.1%
	Basic Accuracy	$\pm(3.0\%+10d)$
Harmonics:	Ranges	0.1%~100.0%
	Resolution	0.1%
	Basic Accuracy	$\pm(5.0\%+10d)$ for order 1-12 $\pm(10.0\%+10d)$ for order 13-25
OHM:	Ranges	1.0000K Ω , 10.00K Ω , 100.00K Ω
	Resolution	0.1 Ω
	Accuracy:	$\pm(1.0\%+5d)$
	Overload Protection: 1000V rms	■
Continuity Beeper:	<30 Ω , 2KHz tone buzzer	■
Diode Test:	Open circuit voltage: $\pm 1.8V$ max	■
Capacitance	Ranges	4.000 μ F, 4mF
	Resolution	1nF
	Basic Accuracy: $\pm(1.9\%+8d)$	■
	Overload Protection: 1000V rms	■
Frequency Counter:	Ranges	20.00Hz~10.00KHz
	Resolution	0.01Hz
	Accuracy	0.5%+3d
Temperature:	Ranges	-50°C~1000°C

General

Sampling Rate	3times/sec
Overload Indication	"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 UL61010 specifications	CAT IV 600V/CAT III 1000V

Maximum Conductor Size	40mm dia. (1000MCM)
Maximum Busbar Size	62x12mm
Power Requirement: 6x1.5 V AAA batteries	■
Battery Life: In hours (Alkaline battery)	50
258mm(L) X 103mm(W) x 55m(H)	■
Weight: In grams(with battery)	600
Included with instrument: Test Leads, Alkaline battery (installed) carrying case and manual	(also including Temperature Probe)



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