

APPA 138

AC/DC Pro Clamp-on Power Meter

TECHNICAL DATA



Features:

- 10000 Count Active backlit digital display
- 60 Segment Analog Bar graph
- True RMS Measurements on AC & AC+DC mode
- Auto AC/DC 1000 Amps capability and selection
- Auto AC/DC 1000 Volts capability and selection
- Smart Data Hold , Min/Max Function
- Peak Hold
- Inrush Current
- DCA Zeroing
- Low Pass Filter for PWM waveform
- Frequency Counter
- Power and Power factor Measurement
- Total Harmonics Distortion and Harmonics , 1 to 25
- Phase Rotation Indication
- Capacitance capability
- Temperature (K type bead thermocouple included)
- Continuity Beeper
- Upto to 42mm dia (1000MCM) conductor
- Torch lightening when clamping
- Volt Sense (None Contact Voltage)
- Auto Power Off
- 4 feet Drop Proof
- Deluxe Carrying Case
- Convenient Battery Door
- CAT. IV 600V /CAT. III 1000V Safety Standard
- Overload & Low Battery Indication



ADVANCED POWER FEATURES MADE EASY

Every APPA 136 series Pro clamp meter provides advanced Power features, Phase Rotation, Total Harmonics Distortion and even Harmonics 1 to 25 with easy-to-use interface, which enables fully professional power measurement application with excellent performance.



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



INNOVATIVE NAVIGATOR

Innovative designed navigator key optimized the function selection and feature operation with a finger of thumb.

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.



ACTIVE BACKLIT

APPA 138 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.

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

AC CURRENT	Range	100.00A, 1000.0A
	Resolution	0.01A
	Basic Accuracy	±(1.5%+ 5d) at 50Hz to 500Hz
	Conversion Type	AC+ DC True-RMS
DC CURRENT	Ranges	100.00A, 1000.0A
	Resolution	0.01A
	Basic Accuracy	±(1.5%+ 5d)
AC + DC CURRENT	Range	100.00A, 1000.0A
	Resolution	0.01A
	Basic Accuracy	Same as ACA+(1.5%+5d)
AC VOLTAGE	Range	0 to 1000V
	Resolution	0.01V
	Basic Accuracy	±(1.0%+ 5d) at 50Hz to 500Hz
DC VOLTAGE	Range	0 to 1000V
	Resolution	0.01V
	Basic Accuracy	±(0.7%2d)
AC + DC VOLTAGE	Range	0 to 1000V
	Resolution	0.01V
	Basic Accuracy	±(1.0%+ 5d)
Watt	Ranges	0 to 9.999KW~999.9KW
	Resolution	1W
	Basic Accuracy	±(2.5%+ 5d)
POWER FACTOR	Ranges	-1.00 to 1.00
	Resolution	0.01
	Basic Accuracy	±3°
TOTAL HARMONIC DISTORTION	Ranges	0.1% to 100.0%
	Resolution	0.1%
	Basic Accuracy	±(3.0%+10)
HARMONICS	Ranges	0.1%~100.0%
	Resolution	0.1%
	Basic Accuracy	±(0.5%+10d) for order 1-12, ±(10.0%+10d) for Order 13-25
OHM	Ranges	1.0000KΩ,10.000KΩ,100.00KΩ
	Resolution	0.01Ω
	Basic Accuracy	±(1.0%+3d)
Capacitance	Ranges	400.0μF,4.000mF
	Resolution	0.1μF
	Basic Accuracy	±(1.9%+8d)
Frequency Counter	Range	20.0Hz~10KHz
	Resolution	0.1Hz
	Basic Accuracy	±(0.5%+3d)
Temperature ("K" Type Bead Probe for use upto 200°C included)	Range	-50°C to 1000°C & -58°F to 1832°F
	Basic Accuracy	1%+2°C/F

GENERAL:

Sampling Rate	3times/ Sec
Overload Indication	"OL" or "- OL"
Low Battery Indication	Yes
Auto Power Off	Approx. 15 minutes
Operating Temperature	0°C ~ 60°C, ≤ 80% RH
Storage Temperature	- 20°C ~ 60°C
Temperature Coefficient	0.2(Spec. Acc) /°C, <18°C or > 28°C
Safety: IEC 61010 and designed to meet UL61010 Specification	CAT. IV 600V CAT.III 1000V
Maximum Conductor Size	42mm (1000MCM)
Maximum Busbar Size	62mm x 12mm
Power Requirement	Single 9V battery (NEDA 1604A or IEC 6 LF22)
Battery Life	100 Hrs
Size	87.5mm(W) x 257mm (L) x 51mm(H)
Weight	470 grams approx

ORDERING INFORMATION

Model :	APPA 138
Description :	AC/DC True RMS Power Clamp Meter
Included Accessories:	Test Lead Set, "K" Type Thermocouple Probe, Battery Installed, Carrying Case, and User Guide.

Other Products



AC Leakage Tester



LCR Meter



5 Digit Digital Multimeter

Distributors:

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