

APPA 130F SERIES CLAMP MULTIMETERS

FEATURES:	APPA 133F	APPA 136F	APPA 137F	APPA 138F
Digital display	10000 count	10000 count	10000 count	10000 count
Analog bar graph	60 segments	60 segments	60 segments	60 segments
True RMS measuring	AC+DC	AC+DC	AC+DC	AC+DC
Auto AC/DC detection	-	-	-	-
Smart Data Hold	-	-	-	-
Min/Max function	-	-	-	-
Peak hold	-	-	-	-
Inrush Current measurement	-	-	-	-
DCA zeroing	NA	-	NA	-
Low Pass Filter	-	-	-	-
Frequency Counter	-	-	-	-
Power and Power Factor measurement	-	-	-	-
Total Harmonic Distortion	-	-	-	-
Harmonics	-	-	-	-
Phase Rotation	-	-	-	-
Temperature measurement	NA	NA	NA	-
Capacitance	-	-	-	-
Audible continuity and Diode test	-	-	-	-
Backlight	-	-	-	-
Torch Lighting	-	-	-	-
VoltSense™ (None Contact Voltage)	-	-	-	-
Automatic power shut off	-	-	-	-
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: ±(1.5%+5d) at 50Hz-500Hz	-	-	-	-
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	0.1A-3000A	0.1A-3000A	0.1A-3000A
	Resolution	0.01A	0.01A	0.01A	0.01A
	Basic Accuracy: ±(1.5%+5d)	-	-	-	-
AC+DC A:	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: ±(1.5%+5d)	-	-	-	-
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) at 50Hz-500Hz	-	-	-	-
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)	-	-	-	-
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: Same as ACV+(1.0%+5d)	-	-	-	-
Watt:	Ranges	10KW-600KW	10KW-600KW	10KW-1MW	10KW-1MW
	Resolution	1W	1W	1W	1W
	Basic Accuracy: ±(2.5%+5d)	-	-	-	-
P.F.:	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: ±3°	-	-	-	-
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)	-	-	-	-
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	-	-	-	-
OHM:	Ranges	1.000KΩ, 10.00KΩ, 100.00KΩ	1.000KΩ, 10.00KΩ, 100.00KΩ	1.000KΩ, 10.00KΩ, 100.00KΩ	1.000KΩ, 10.00KΩ, 100.00KΩ
	Resolution	0.01Ω	0.01Ω	0.01Ω	0.01Ω
	Basic Accuracy: ±(1.0%+3d)	-	-	-	-
Continuity Beeper:	Open circuit voltage: ±1.8V max	-	-	-	-
	Diode Test:	-	-	-	-
	Capacitance:	-	-	-	-
Frequency Counter:	Ranges	20.0Hz-10KHz	20.0Hz-10KHz	20.0Hz-10KHz	20.0Hz-10KHz
	Resolution	0.1Hz	0.1Hz	0.1Hz	0.1Hz
	Basic Accuracy: ±(0.5%+3d)	-	-	-	-
Temperature:	Ranges	NA	NA	NA	-50°C-1000°C
	Resolution	-	-	-	0.1°C
	Basic Accuracy: ±(1%+1°C)	-	-	-	-

GENERAL:	APPA 133F	APPA 136F	APPA 137F	APPA 138F
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. 15minutes	-	-	-	-
Operating Temperature: 0°C-50°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 specifications	-	-	-	-
Maximum Conductor Size	CAT IV 600V CAT III 1000V 37mm dia. (1.500MCM)	CAT IV 600V CAT III 1000V 37mm dia. (1.500MCM)	CAT IV 600V CAT III 1000V 42mm dia. (1.650MCM)	CAT IV 600V CAT III 1000V 42mm dia. (1.650MCM)
Maximum Jaw Opening	45mm	45mm	45mm	45mm
Maximum Busbar Size	62x12mm	62x12mm	62x12mm	62x12mm
Power Requirement: Single 9V battery (NECA 1604A or IEC 6LF22)	-	-	-	-
Battery Life: in hours (Alkaline battery)	100	100	100	100
Size: 87.5mm(W) x 242mm(L) x 60.5mm(H)	-	-	-	-
Weight: in grams (with battery)	435	435	470	470
Included with instrument: Test Leads, ZnC battery (included) manual and carrying case	-	-	-	(Also including Temperature Probe)

Specification subject to change without notice.

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APPA 130F Series

Clamp-On Meter with Flexible Current Probe



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 130F 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.



FLEXIBLE CURRENT TEST

APPA 130F series intergated with SFLEX-T flexible current probe expanding the current range to 3000 ACA, providing increased display flexibility, making electrical measurement easier and safer.



ADVANCED POWER FEATURES MADE EASY

Every APPA 130F series Pro clamp meter provides advanced Power features, Phase rotation, Total Harmonic Distortion and even Harmonics 1 to 25th with easy-to-use interface, which enables fully professional power measurement application with excellent performance.



APPA 133F

10000 Count digital display
Active Backlit, Large scale display
Analog Bar graph
True RMS reading on AC and AC+DC mode
Torch lightening when clamping
AC 600 Amps capability
Auto AC/DC 1000 Volts capability and selection
Auto Ohms/Continuity/Diode selection
Power and Power factor Measurement
Total Harmonic Distortion and Harmonics 1 to 25
Phase Rotation Indication
AC Current via Flexible Current Probe
100K Ohms Resistance capability
VoltSense™ (None Contact Voltage)
Frequency Counter
Capacitance capability
Smart Data Hold
Peak Hold
Inrush Current
Min/Max Hold
Low Pass Filter
Auto Power Off
Up to 37mm dia. (750MCM) Conductor
4 feet Drop Proof
Deluxe Carrying Case
Convenient Battery Door
CAT IV 600V /CAT III 1000V Safety Standard



APPA 137F

10000 Count digital display
Active Backlit, Large scale display
Analog Bar graph
True RMS reading on AC and AC+DC mode
Torch lightening when clamping
AC 1000 Amps capability
Auto AC/DC 1000 Volts capability and selection
Auto Ohms/Continuity/Diode selection
Power and Power factor Measurement
Total Harmonic Distortion and Harmonics 1 to 25
Phase Rotation Indication
AC Current via Flexible Current Probe
100K Ohms Resistance capability
VoltSense™ (None Contact Voltage)
Frequency Counter
Capacitance capability
Smart Data Hold
Peak Hold
Inrush Current
Min/Max Hold
Low Pass Filter
Auto Power Off
Up to 42mm dia. (1000MCM) Conductor
4 feet Drop Proof
Deluxe Carrying Case
Convenient Battery Door
CAT IV 600V /CAT III 1000V Safety Standard



APPA 136F

10000 Count digital display
Active Backlit, Large scale display
Analog Bar graph
True RMS reading on AC and AC+DC mode
Torch lightening when clamping
Auto AC/DC 1000 Volts capability and selection
Auto Ohms/Continuity/Diode selection
Power and Power factor Measurement
Total Harmonic Distortion and Harmonics 1 to 25
Phase Rotation Indication
AC Current via Flexible Current Probe
100K Ohms Resistance capability
VoltSense™ (None Contact Voltage)
Frequency Counter
Capacitance capability
Smart Data Hold
Peak Hold
Inrush Current
DCA Auto-Zeroing Key
Min/Max Hold
Low Pass Filter
Auto Power Off
Up to 37mm dia. (750MCM) Conductor
Bus bar size 45mm x 10mm
4 feet Drop Proof
Deluxe Carrying Case
Convenient Battery Door
CAT IV 600V /CAT III 1000V Safety Standard



APPA 138F

10000 Count digital display
Active Backlit, Large scale display
Analog Bar graph
True RMS reading on AC and AC+DC mode
Torch lightening when clamping
Auto AC/DC 1000 Amps capability and selection
Auto AC/DC 1000 Volts capability and selection
Auto Ohms/Continuity/Diode selection
Power and Power factor Measurement
Total Harmonic Distortion and Harmonics 1 to 25
Phase Rotation Indication
AC Current via Flexible Current Probe
100K Ohms Resistance capability
VoltSense™ (None Contact Voltage)
Frequency Counter
Capacitance capability
Smart Data Hold
Peak Hold
Inrush Current
C/F Temperature Function
Smart Data Hold
Peak Hold
Inrush Current
DCA Auto-Zeroing Key
Min/Max Hold
Low Pass Filter
Auto Power Off
Up to 42mm dia. (1000MCM) Conductor
Bus bar size 62mm x 12mm
4 feet Drop Proof
Temp. probe included
Deluxe Carrying Case
Convenient Battery Door
CAT IV 600V /CAT III 1000V Safety Standard

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