



2024-2025

MEASURING
INSTRUMENTS
CATALOGUE

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WHO IS MGL

We are a global group of companies operating locally. We manufacture test and measurement products for the electrical and automotive industry, from the entry level through high tech products. Our companies work globally, serving our customers worldwide. This global network delivers a deeper understanding of each individual market, with solutions tailored to the unique requirements of each customer.

With customers over 20 years old, our goal is to be a recognized, honest and fair company. We aim to be the most valued partner for our customers in the research, development, manufacture and supply of innovative, modern and customer-focused technologies.

We have a highly experienced team which is openminded, receptive to new ideas and adaptive to evolving market trends. This solid foundation guarantees that we are well informed and fully equipped to deliver excellent solutions to meet our customers' real needs.



APPA[®]

MGL APPA Corporation is an ISO-9001 certified professional Test Instrument manufacturer. APPA, located in Wugu, New Taipei City, Taiwan, is characterized by high productivity and high quality. Despite the fact it has only 125 employees, APPA turns out more than 400,000pcs of industrial Dmms and Clamp Meters annually.

APPA is dedicated to leveraging the vast needs of industrial customers to extend their personal power and abilities, featuring a variety of T&M products, including Digital Multimeters, Digital Clamp Multimeters, Component Testers, Automotive Multimeters and Environment Testers.

APPA plans to produce Clamp-on Power Analyzer, Digital Scope Multimeters, LAN Testers, and T&M OEM Subcontracting products in the future. During the past years, APPA has become a symbol of safety, ruggedness, user-friendly features and excellent quality. These are just some of the terms used by APPA customers when referring to APPA products.



ALL NEW DESIGNED CLAMP-ON METER

A3DN

- Precise current measurement up to 400A AC/DC
- Voltage measurement up to 600 V AC/DC
- 5Hz to 50KHz Frequency Counter
- 40MΩ Resistance capability

Further information on page 5



INSULATION TESTER & MULTIMETER

603/606

- Insulation test
- Earth bond Resistance (Continuity)
- 600V DC & AC (TRMS) measurement
- COMPARE (Pass/Fail) Function

Further information on page 77, 78



NEW PRODUCTS



CLAMP METERS

A SERIES / A10 SERIES /
30 SERIES / I30 SERIES / I30F SERIES
I50B SERIES / I70 SERIES /
MA SERIES / SFLEX SERIES



A3DN NEW

ALL NEW DESIGNED CLAMP-ON METER

SKU NO: APPAA3DNCBAPC
 UPC CODE: 810053677445
 EAN CODE: 8435394786933

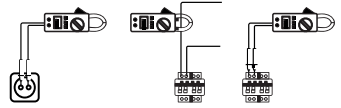
FEATURE

- Precise current measurement up to 400A AC/DC
- Voltage measurement up to 600 V AC/DC
- 5Hz to 50KHz Frequency Counter
- 40M Ω Resistance capability

SPECIFICATIONS

AC Current 40.0A, 400A	DC Current 40.0A, 400A	AC Voltage 400.0V, 600V
DC Voltage 400.0V, 600V	OHM 400.0Ω	Continuity <50Ω
Diode 1.500V	Jaw Opening 31mm	Display 4,000

MAIN APPLICATIONS



CONTENTS



56 x 188 x 28mm
225g



IEC LR03, AM4 or
AAA size 1.5V x 2



User Manual



ACCESSORIES

Test Leads,
Zinc Battery,
Carrying Case

PACKAGING INFORMATION



Color Box
220 x 110 x 60mm



Carton Box
478 x 336 x 250mm



X 20 PCS



MAIN APPLICATIONS



DOMESTIC



COMMERCIAL



A1

MINI AC/DC CLAMP METER

SKU NO: APPAA1CBAPC
 UPC CODE: 810053677377
 EAN CODE: 8435394786865

FEATURE

- 6,000 Count large scale LCD display with backlit
- AC / DC current measuring capability up to 300Amps
- 10mA Resolution

SPECIFICATIONS

AC Current 60.00A, 300.0A	DC Current 60.00A, 300.0A	Inrush Current 300.0A
Low Pass Filter 60.00A, 300.0A	Jaw Opening 24mm	Display 6,000

CONTENTS



60 x 147 x 31mm
140g



LR44 or A76 x 2
button cell



User Manual



Button Cells,
Carrying pouch

PACKAGING INFORMATION



Color Box
175 x 90 x 45mm



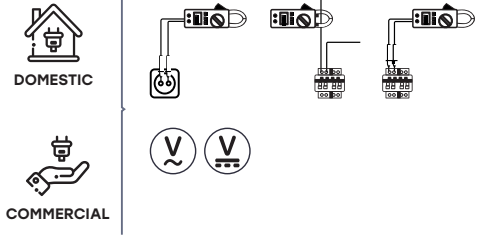
Carton Box
441 x 387 x 202mm



X 36 PCS



MAIN APPLICATIONS



A3

TOP OF LOW-COST CLAMP METER

SKU NO: APPAA3CBAPC
 UPC CODE: 810053677421
 EAN CODE: 8435394786919

FEATURE

- 2,000 count Large-scale LCD display
- AC current measuring capability up to 400Amps
- AC / DC 600V capability
- 20MΩ Resistance capability

SPECIFICATIONS

AC Current 200.0A, 400A	AC Voltage 200.0V, 600V	DC Voltage 200.0V, 600V
OHM 200.0Ω~20MΩ	Continuity <50Ω	Jaw Opening 31mm
Display 2,000		

CONTENTS

- 56 x 188 x 28mm
225g
- IEC LR03, AM4 or AAA size 1.5V x 2
- User Manual
- Test Leads, Zinc Battery, Carrying Case

PACKAGING INFORMATION

- Color Box**
220 x 110 x 63mm
- Carton Box**
473 x 347 x 250mm
- X 20 PCS**



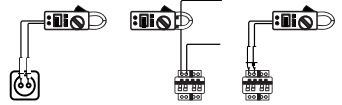
MAIN APPLICATIONS



DOMESTIC



COMMERCIAL



A3D

TOP OF LOW-COST CLAMP METER

SKU NO: APPAA3DCBAPC
 UPC CODE: 810053677438
 EAN CODE: 8435394786926

FEATURE

- 4,000 count Large-scale LCD display
- AC/DC 400Amps capability with 0.01 A resolution
- AC/DC 600V capability
- 40KΩ Resistance capability

SPECIFICATIONS

AC Current 40.0A, 400A	DC Current 40.0A, 400A	AC Voltage 400.0V, 600V
DC Voltage 400.0V, 600V	OHM 400.0Ω~40MΩ	Continuity <30Ω
Diode 1.500V	Jaw Opening 31mm	Display 4,000

CONTENTS



56 x 188 x 28mm
225g



IEC LR03, AM4 or
AAA size 1.5V x 2



User Manual



ACCESSORIES

Test Leads,
Zinc Battery,
Carrying Case

PACKAGING INFORMATION



Color Box
220 x 110 x 63mm



Carton Box
473 x 347 x 250mm

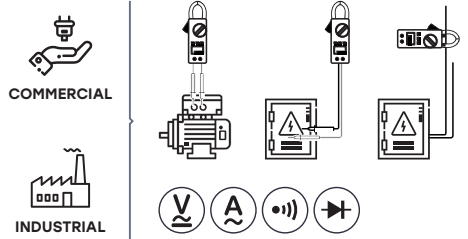


X 20 PCS

MODEL	A1	A3	A3D	A3DN
SPECIFICATIONS				
ACA	60.00A, 300.0A	200.0A, 400A	40.0A, 400.0A	40.00A, 400.0A
DCA	60.00A, 300.0A	X	40.0A, 400.0A	40.00A, 400.0A
Inrush Current	300.0A	X	X	X
ACV	X	200.0V, 600V	400.0V, 600V	400.0mV, 4.000V, 40.00V, 400.0V, 600V
DCV	X	200.0V, 600V	400.0V, 600V	400.0mV, 4.000V, 40.00V, 400.0V, 600V
Low Pass Filter	60.00A, 300.0A	X	X	X
OHM	X	200.0Ω~20MΩ	400.0Ω~40.00KΩ	400.0Ω
Continuity Beeper	X	<50Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer	<50Ω, 2KHz tone buzzer
Diode Test	X	X	1.500V	1.500V
VoltSense (NCV)	80V~600V	X	90V~600V	X
Frequency Counter	X	X	40.00Hz~40.00KHz	50.00Hz, 500.0Hz, 5.000KHz, 50.00KHz
GENERAL				
Display	6,000	2,000	2,000	4,000
Sampling Rate	2 times / sec	1.5 times / sec	3 times / sec	2 times / sec
Overload Indication	"OL"	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication				
Auto Power Off	Approx. 20 mins	Approx. 10 mins	Approx. 20 mins	Approx. 20 mins
Operating Temperature	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.15x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 300V CAT III 600V
Maximum Conductor Size	22mm dia.(350MCM)	27mm dia.(500MCM)	27mm dia.(500MCM)	27mm dia.
Maximum Jaw Opening	24mm	31mm	31mm	31mm
Power Requirement	LR44 or A76x2 pcs Button cell	IEC LR03, AM4 or AAA size 1.5V x 2	IEC LR03, AM4 or AAA size 1.5V x 2	IEC LR03, AM4 or AAA size 1.5V x 2
Battery Life: In hours (Alkaline Battery, Without Backlight)	20	200	200	100
Size: WxLxD	60x147x31mm	56x188x28mm	56x188x28mm	56x188x28mm
Weight	140g	225g	225g	225g
Included with instrument	Button Cells, Manual, Carrying pouch	Test Leads, Zinc Battery, Manual, Carrying Case	Test Leads, Zinc Battery, Manual, Carrying Case	Test Leads, Zinc Battery, Manual, Carrying Case



MAIN APPLICATIONS



A5

ELECTRICAL TESTER

SKU NO: APPAA5CBAPC
 UPC CODE: 810053677452
 EAN CODE: 8435394786940

FEATURE

- VoltSense™ for non-contact voltage detection
- Truly measure up to AC 200A Aluminum 4 / 0 cable
- AC 1,000 Volts capability
- AC 200 Amps capability

SPECIFICATIONS

DC Voltage 200.0, 1,000V	AC Voltage 200.0, 1,000V	AC Current 200.0A
OHM 20MΩ	Continuity <50Ω	Diode 0.4V~0.8V
Maximum Conductor Size 16mm dia.		Display 2,000

CONTENTS

- 54 x 193 x 31mm
280g
- IEC LR03, AM4 or
AAA size 1.5V x 2
- User Manual
- Test Leads,
Zinc Battery,
Carrying Case

PACKAGING INFORMATION

- Color Box**
220 x 110 x 60mm
- Carton Box**
478 x 336 x 250mm
- X 20 PCS**



A5AR

AUTOMATIC ELECTRICAL TESTER

SKU NO: APPAA5ARCBAPC
 UPC CODE: 810053677469
 EAN CODE: 8435394786957

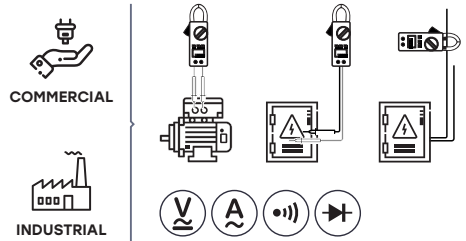
FEATURE

- Auto Selection on ACV, DCV, Ω , ACA, Diode & Continuity
- True RMS reading on AC mode
- 0.3% basic DCV accuracy

SPECIFICATIONS

DC Voltage 2.1V~1,000.0V / -0.7V~-1,000.0V		AC Voltage 1.3V~1,000.0V
AC Current 200.0A	OHM 10KΩ	Continuity <25Ω
Diode 0.4V~0.8V	Maximum Conductor Size 16mm dia.	
Display 10,000		

MAIN APPLICATIONS



CONTENTS

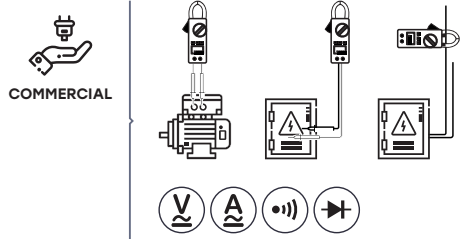
- 54 x 193 x 31mm
280g
- IEC LR03, AM4 or
AAA size 1.5V x 2
- User Manual
- Test Leads,
Zinc Battery,
Carrying Case

PACKAGING INFORMATION

- Color Box**
220 x 110 x 60mm
- Carton Box**
478 x 336 x 250mm
- X 20 PCS**



MAIN APPLICATIONS



A6D

AUTOMATIC ELECTRICAL TESTER

SKU NO: APPAA6DCBAPC
 UPC CODE: 810053677476
 EAN CODE: 8435394786964

FEATURE

- 10,000 count digital display
- Auto Selection on ACV, DCV, ACA, DCA, Q, Continuity and Diode
- LoZ for prevent false reading from ghost voltage

SPECIFICATIONS

DC Voltage 2.1V~1,000.0V / -0.7V~-1,000.0V		AC Voltage 1.3V~750.0V
DC Current 0.9A~600.0A	AC Current 0.9A~600.0A	OHM 10KΩ
Continuity <25Ω	Diode 0.4V~0.8V	Jaw Opening 38mm
Display 10,000		

CONTENTS

- 86.5 x 213 x 49.5mm
380g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- Test Leads, Zinc Battery, Carrying Case

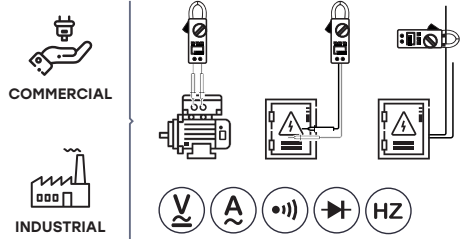
PACKAGING INFORMATION

- Color Box**
225 x 122 x 63mm
- Carton Box**
525 x 352 x 282mm
- X 20 PCS**

MODEL	A5	A5AR	A6D
SPECIFICATIONS			
ACV	200.0V, 1,000V	1.3V~1,000.0V	1.3V~750.0V
DCV	200.0V, 1,000V	2.1V~1,000.0V -0.7V~-1,000.0V	2.1V~1,000.0V -0.7V~-1,000.0V
ACA	200.0A	200.0A	0.9A~600.0A
DCA	X	X	0.9A~600.0A
VoltSense (NCV)	80V~1,000V	80V~1,000V	X
OHM	20MΩ	10KΩ	10KΩ
Continuity Beeper	<50Ω, 2KHz tone buzzer	<25Ω, 2KHz tone buzzer	<25Ω, 2KHz tone buzzer
Diode Test	0.4V~0.8V	0.4V~0.8V	0.4V~0.8V
GENERAL			
Display	2,000	10,000	10,000
Sampling Rate	1.5 times / sec	2 times / sec	5 times / sec
Overload Indication	"OL" is displayed for "Ω" and "V" function, shows the real value for "A" function.	"OL" is displayed for "Ω" and "V" function, shows the real value for "A" function.	"OL" is displayed for "Ω" and "V" function, shows the real value for "A" function.
Low Battery Indication			
Auto Power Off	Approx. 10 mins	Approx. 20 mins	Approx. 20 mins
Operating Temperature	0°C~50°C, ≈80%RH	0°C~50°C, ≈80%RH	0°C~50°C, ≈80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT IV 600V / CAT III 1000V	CAT IV 600V / CAT III 1000V	CAT IV 600V / CAT III 1000V
Maximum Conductor Size	16mm dia.	16mm dia.	35mm dia.(750MCM)
Maximum Jaw Opening	X	X	38mm
Power Requirement	IEC LR03, AM4 or AAA size 1.5V x 2	IEC LR03, AM4 or AAA size 1.5V x 2	Single 9V Battery (NEDA 1604A / IEC 6LF22)
Battery Life: In hours (Alkaline Battery, Without Backlight)	250	300	125
Size: WxLxD	54x193x31mm	54x193x31mm	86.5x213x49.5mm
Weight	280g	280g	380g
Included with instrument	Test Leads, Zinc Battery, Manual	Test Leads, Zinc Battery, Manual	Test Leads, Zinc Battery, Manual, Carrying Case



MAIN APPLICATIONS



A15

ALL NEW INDUSTRIAL CLAMP MULTIMETER

SKU NO: APPAA15CBAPC
 UPC CODE: 810053677384
 EAN CODE: 8435394786872

FEATURE

- 4,000 Count digital display
- Backlit, Large scale display
- Analog Bar graph
- AC 1,000 Amps capability AC 750 Volts capability

SPECIFICATIONS

DC Voltage 400.0V, 1,000V	AC Voltage 400.0V, 750V	AC Current 400.0A, 1,000A
OHM 400.0Ω	Continuity <30Ω	Diode 3V max
Frequency 20Hz~400Hz	Jaw Opening 53mm	Display 4,000

CONTENTS

- 90 x 275 x 51mm
420g
- IEC LR03, AM4 or
AAA size 1.5V x 2
- User Manual
- Test Leads,
Zinc Battery,
Carrying Case

PACKAGING INFORMATION

- Color Box**
280 x 125 x 60mm
- Carton Box**
305 x 272 x 325 cm
- X 10 PCS**



A15R

ALL NEW INDUSTRIAL CLAMP MULTIMETER

SKU NO: APPAA15RCBAPC
 UPC CODE: 810053677391
 EAN CODE: 8435394786889

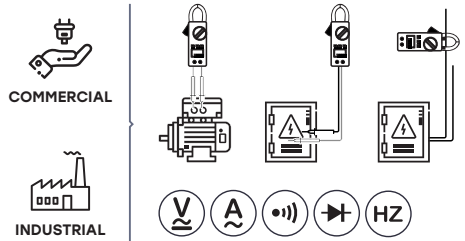
FEATURE

- 4,000 Count digital display
- AC 1,000 Amps capability
- DC 1,000 Volts capability
- True RMS reading on AC mode

SPECIFICATIONS

DC Voltage 400.0V, 1,000V	AC Voltage 400.0V, 750V	AC Current 400.0A, 1,000A
OHM 400.0Ω	Continuity <30Ω	Frequency 20Hz~400Hz
Jaw Opening 53mm	Display 4,000	

MAIN APPLICATIONS



CONTENTS

- 90 x 275 x 51mm
420g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- Test Leads, Zinc Battery, Carrying Case

PACKAGING INFORMATION

- Color Box**
280 x 125 x 60mm
- Carton Box**
305 x 272 x 325mm
- X 10 PCS**



A16R

ALL NEW INDUSTRIAL CLAMP MULTIMETER

SKU NO: APPAA16RCBAPC
 UPC CODE: 810053677407
 EAN CODE: 8435394786896

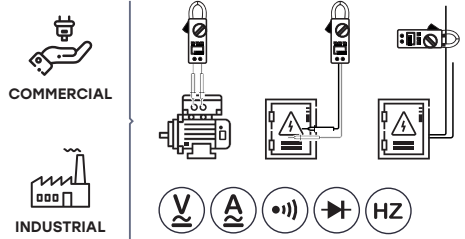
FEATURE

- 4,000 Count digital display
- DC 1,000 Amps capability
- DC 1,000 Volts capability
- True RMS reading on AC mode

SPECIFICATIONS

DC Voltage 400.0V, 1,000V	AC Voltage 400.0V, 750V	AC Current 400.0A, 1,000A
DC Current 400.0A, 1,000A	OHM 400.0Ω	Continuity <30Ω
Frequency 20Hz~400Hz	Jaw Opening 53mm	Display 4,000

MAIN APPLICATIONS



CONTENTS

- 90 x 275 x 51mm
420g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- Test Leads, Zinc Battery, Carrying Case

PACKAGING INFORMATION

- Color Box**
280 x 125 x 60mm
- Carton Box**
305 x 272 x 325mm
- X 10 PCS**



A18plus

ALL NEW INDUSTRIAL CLAMP MULTIMETER

SKU NO: APPAA18+CBAPC
 UPC CODE: 810053677414
 EAN CODE: 8435394786902

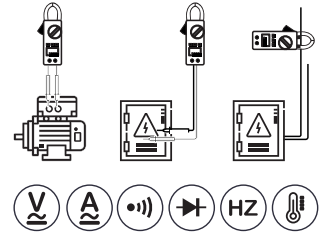
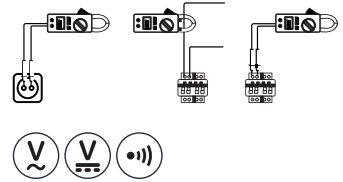
FEATURE

- 6,000 Count digital display
- Backlit, Large scale display
- Power and Power Factor measurement
- Total Harmonic Distortion measurement

SPECIFICATIONS

DC Voltage 60V, 600V	AC Voltage 60V, 600V	AC Current 600.0A
DC Current 600A	Watt 4KW~600KW	P.F. -1.00~1.00
T.H.D. 0.1%~100.0%	OHM 20KΩ	Frequency 20Hz~4KHz
Temperature -50°C~1,000°C / -122°F~1832°F	Jaw Opening 45mm	

MAIN APPLICATIONS



CONTENTS



78 x 235 x 51mm
380g



Single 9V Battery
NEDA 1604 / IEC 6F22



User Manual



Test Leads,
Zinc Battery,
Carrying Case,
Temp. Probe

PACKAGING INFORMATION



Color Box
255 x 112 x 63mm



Carton Box
470 x 355 x 282mm



X 20 PCS

MODEL	A15	A15R	A16R	A18PLUS
SPECIFICATIONS				
ACV	400.0V, 750V	400.0V, 750V	400.0V, 750V	60V, 600V
DCV	400.0V, 1,000V	400.0V, 1,000V	400.0V, 1,000V	60V, 600V
ACA	400.0A, 1,000A	400.0A, 1,000A	400.0A, 1,000A	600.0A
DCA	X	X	400.0A, 1,000A	600A
Watt	X	X	X	4KW~600KW
P.F.	X	X	X	-1.00~1.00
T.H.D.	X	X	X	0.1%~100.0%
OHM	400.0Ω	400.0Ω	400.0Ω	20KΩ
Continuity Beeper	<30Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer
Diode Test	3V max	3V max	3V max	2.00V
Frequency Counter	20Hz~400Hz	20Hz~400Hz	20Hz~400Hz	20Hz~4KHz
Inrush Current	X	X	X	600.0A
Temperature	X	X	X	-50°C~1,000°C -122°F~1832°F
GENERAL				
Display	4,000	4,000	4,000	6,000
Sampling Rate	1.5 times / sec	1.5 times / sec	1.5 times / sec	3 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication				
Auto Power Off	Approx. 30 minutes	Approx. 30 minutes	Approx. 30 minutes	Approx. 30 minutes
Operating Temperature	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.15x(Spec. Acc) / °C, <18°C or >28°C	0.15x(Spec. Acc) / °C, <18°C or >28°C	0.15x(Spec. Acc) / °C, <18°C or >28°C	0.15x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V
Maximum Conductor Size	51mm dia. (2,000MCM)	51mm dia. (2,000MCM)	51mm dia. (2,000MCM)	35mm dia. (750MCM)
Maximum Jaw Opening	53mm	53mm	53mm	45mm
Maximum Busbar Size	24x60mm	24x60mm	24x60mm	40x15mm
Power Requirement	IEC LR03, AM4 or AAA size 1.5V x 2	Single 9V Battery (NEDA 1604 / IEC 6F22)	Single 9V Battery (NEDA 1604 / IEC 6F22)	Single 9V Battery (NEDA 1604 / IEC 6F22)
Battery Life: In hours (Alkaline Battery, Without Backlight)	300	300	300	50
Size: WxLxD	90x275x51mm	90x275x51mm	90x275x51mm	78x235x51mm
Weight	420g	420g	420g	380g
Included with instrument	Test Leads, Zinc Battery, Carrying Case	Test Leads, Zinc Battery, Carrying Case	Test Leads, Zinc Battery, Carrying Case	Test Leads, Zinc Battery, Carrying Case, Temp. Probe



A17N

BLUETOOTH LEAKAGE CURRENT CLAMP METER

SKU NO: APPAA17NCBAPC
 UPC CODE: 810053678176
 EAN CODE: 8435394788005

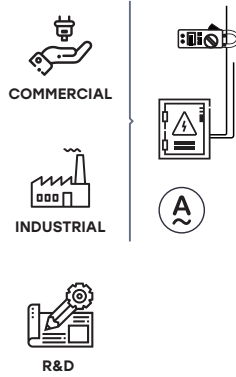
FEATURE

- AC True RMS reading
- AC 60 Amps capability
- Designed to meet: IEC 61557-13: Class 2, $\approx 30A/m$
- Minimum $1\mu A$ Resolution

SPECIFICATIONS

AC Current		
6.00mA / 60.00mA / 600mA / 6A / 60A		
Jaw Opening	Frequency	Display
42mm	15Hz~10KHz	6,000

MAIN APPLICATIONS



CONTENTS

- 100 x 203 x 51mm
490g
- 1.5Vx2 AA Size Battery(IEC LR03)
- User Manual
- Alkaline Battery, Carrying Case

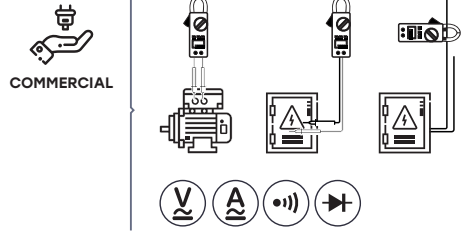
PACKAGING INFORMATION

- Color Box
255 x 112 x 63mm
- Carton Box
470 x 335 x 282mm
- X 20 PCS

MODEL	A17N
SPECIFICATIONS	
ACA	6.000mA / 60.00mA / 600mA / 6A / 60A
Frequency response	15Hz~10KHz
GENERAL	
Display	6,000
Sampling Rate	5 times / 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	0.1x(Spec. Acc) / °C <18°C or >28°C
Safety	CAT III 600V
Power Requirements	AA size 1.5V x 2 Batteries (NEDA 15A or IEC LR6)
Battery Life: In hours (Alkaline Battery)	60
Max Conductor Size	Up to 40mm dia.
Maximum Jaw Opening	42mm
Size: WxLxD	100x230x51mm
Weight	490g
Included with instrument	Carrying Case, Alkaline Battery, Manual



MAIN APPLICATIONS



30R

AC/DC CLAMP MULTIMETER

SKU NO: APPA30RCBAPC
 UPC CODE: 810053677070
 EAN CODE: 8435394786568

FEATURE

- TRUE RMS measuring method for industrial applications
- Nickel-Steel alloy jaw mechanism with excellent residual magnetism

SPECIFICATIONS

AC Voltage 400mV~600V	DC Voltage 400mV~600V	DC Current 40A, 300A
AC Current 40A, 300A	OHM 400Ω~40MΩ	Continuity <30Ω
Jaw Opening 25mm		

CONTENTS

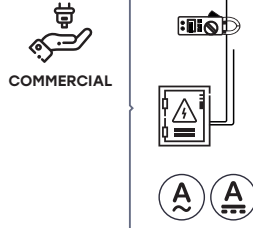
- 66 x 192 x 27mm
205g
- 1.5V x 2 AAA Size Battery (IEC R03)
- User Manual
- Test Leads, Carrying Case, Zinc Battery

PACKAGING INFORMATION

- Color Box**
220 x 110 x 63mm
- Carton Box**
473 x 347 x 250mm
- X 20 PCS**



MAIN APPLICATIONS



30T

AC/DC CURRENT TRANSDUCER

SKU NO: APPA30TCBAPC
 UPC CODE: 810053677087
 EAN CODE: 8435394786575

FEATURE

- Auto zero key for DCA
- Red LED-Low Battery indication
- GreenLED-Power on indication
- Coiled cable output leads

SPECIFICATIONS

AC Current 40A, 300A	DC Current 40A, 300A	Jaw Opening 25mm
--------------------------------	--------------------------------	----------------------------

CONTENTS

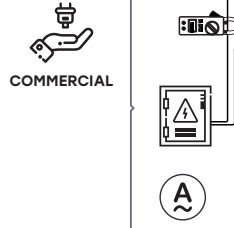
- 65.5 x 185 x 40mm
270g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- ACCESSORIES**
Test probe heads,
Battery (Zinc),
Coiled cable
output plugs,
Carrying Case

PACKAGING INFORMATION

- Color Box**
220 x 110 x 60mm
- Carton Box**
478 x 336 x 250mm
- X 20 PCS**



MAIN APPLICATIONS



31

AC CURRENT TRANSDUCER

SKU NO: APPA31CBAPC
 UPC CODE: 810053677094
 EAN CODE: 8435394786582

FEATURE

- AC 400A capability
- 1.9% basic accuracy
- Non-intrusive transducing
- Up to 29mm diameter conductor

SPECIFICATIONS

AC Current
400A

Jaw Opening
30mm

CONTENTS



72 x 148 x 36mm
 250g



Test probe heads,
 Coiled cable
 output plugs,



User Manual

PACKAGING INFORMATION



Color Box
 220 x 110 x 60mm



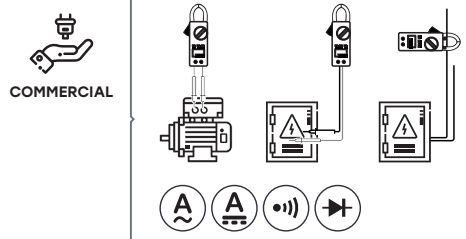
Carton Box
 478 x 336 x 250mm



X 20 PCS



MAIN APPLICATIONS



3311

THE STATE-OF-THE-ART CLAMP-ON MEASURING INSTRUMENTS

SKU NO: APPA3311CBAPC
 UPC CODE: 810053677100
 EAN CODE: 8435394786599

FEATURE

- AC 600 Amps capability
- AC 600 Volts capability
- 2,000 Ohms Resistance range
- Display Hold

SPECIFICATIONS

AC Voltage 600V	AC Current 60A, 600A	OHM 2KΩ
Continuity <50Ω	Jaw Opening 42mm	Display 2,000

CONTENTS

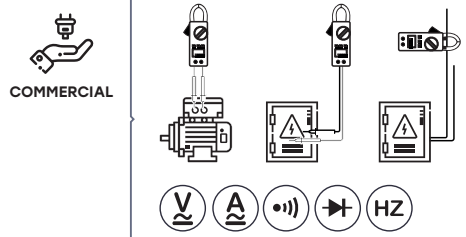
- 76 x 200 x 41mm
360g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- Test leads,
Battery (Zinc),
Carrying Case

PACKAGING INFORMATION

- Color Box**
220 x 110 x 63mm
- Carton Box**
473 x 347 x 250mm
- X 20 PCS**



MAIN APPLICATIONS



36R III

ALL NEW DESIGNED AC/DC CLAMP MULTIMETER

SKU NO: APPA36RIIICBAPC
 UPC CODE: 810053677117
 EAN CODE: 8435394786605

FEATURE

- Large white LED backlight display
- True RMS reading on ACA/ACV
- AC/DC 600A Capability
- AC/DC 600V Capability

SPECIFICATIONS

AC Voltage 600V	DC Voltag 600V	AC Current 60A, 600A
DC Current 60A, 600A	OHM 600Ω~40MΩ	Continuity <20Ω
Diode 1.500V	Jaw Opening 43mm	Display 6,000

CONTENTS

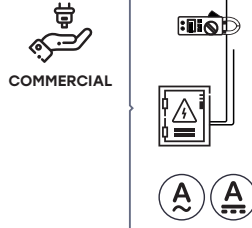
- 88 x 208 x 41mm
330g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- Test leads,
Carrying Case,
Zinc Battery

PACKAGING INFORMATION

- Color Box**
220 x 110 x 63mm
- Carton Box**
473 x 347 x 250mm
- X 20 PCS**



MAIN APPLICATIONS



36T

AC/DC CURRENT TRANSDUCER

SKU NO: APPA36TCBAPC
 UPC CODE: 810053677124
 EAN CODE: 8435394786612

FEATURE

- 2.0% basic DCA / ACA accuracy
- Zeroing Key
- Power indicator (Green LED flash)
- Low Battery indicator (Red LED)

SPECIFICATIONS


AC Current 100A, 600A	DC Current 100A, 600A	Jaw Opening 43mm
---------------------------------	---------------------------------	----------------------------

CONTENTS

- 88 x 206 x 43mm
270g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- Test probe heads,
Coiled cable
output plugs,
Carrying Case,
Zinc Battery

PACKAGING INFORMATION

- Color Box**
255 x 112 x 63mm
- Carton Box**
470 x 335 x 282mm
- X 20 PCS**

MODEL	30R	30T	31
SPECIFICATIONS			
ACV	400mV~600V	X	X
DCV	400mV~600V	X	X
ACA	40A, 300A	40A, 300A	400A
DCA	40A, 300A	40A, 300A	X
Frequency	X	40Hz~400Hz	X
OHM	400Ω~40MΩ	X	X
Continuity Test	<30Ω, 2KHz tone buzzer	X	X
Diode Test	X	X	X
Load Impedance	X	<10kΩ	<75Ω
Position Error	±1%rdg	±1%rdg	X
Output Voltage	X	10mV/A in 40A 1mV/A in 300A	AC 1mV per 1A
Type of Sensing	Hall effect sensing	Hall effect sensing	Current transformer sensing
VoltSeek (NCV)	X	X	X
GENERAL			
Display	4,000	X	X
Sampling Rate	2 times / sec	X	X
Overange Indication	"OL"	X	X
Low Battery Indication		Red LED	X
Auto Power Off	Approx. 30 minutes	X	X
Operating Temperature	0°C~50°C, ≈80%RH	0°C~50°C, ≈80%RH	0°C~50°C, ≈80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C
Shock Proof	4 feet drops	4 feet drops	4 feet drops
Safety	CAT III 300V / CAT II 600V	CAT III 600V	CAT III 300V / CAT II 600V
Maximum Conductor Size	Ø22mm	Ø22mm	Ø29mm
Maximum Jaw Opening	25mm	25mm	30mm
Power Requirement	AAA size 1.5V x 2	Single 9V Battery (NEDA 1604 / IEC 6F22)	X
Battery Life: In hours (Alkaline Battery)	100	66	X
Size: WxLxD	66x192x27mm	65.5x185x40mm w/o cable	72x148x36mm
Weight	205g	270g	250g
Included with meter	Test leads, Battery (IEC R03), Manual, Carrying Case	Test probe heads, Battery (Zinc), Coiled cable output plugs, Manual, Carrying Case	Test probe heads, Coiled cable output plugs, Manual, Carrying Case

MODEL	33II	36RIII	36T
SPECIFICATIONS			
ACV	600V	600V	X
DCV	X	600V	X
ACA	60A, 600A	60A, 600A	100A, 600A
DCA	X	60A, 600A	100A, 600A
Frequency	X	50KHz	40Hz~400Hz
OHM	2K Ω	600 Ω ~40M Ω	X
Continuity Test	<50 Ω , 2KHz tone buzzer	<20 Ω approx.	X
Diode Test	X	1.500V	X
Load Impedance	X	X	<10k Ω
Position Error	X	\pm 1%rdg	\pm 1.5%rdg
Output Voltage	X	X	10mV / A, 1mV / A
Type of Sensing	Current transformer sensing	Hall effect sensing	Hall effect sensing
VoltSeek (NCV)	X	X	90V~1,000V
GENERAL			
Display	2,000	6,000	X
Sampling Rate	4 times / sec	3 times / sec	X
Overange Indication	"1"	"OL"	X
Low Battery Indication			Red LED
Auto Power Off	Approx. 30 minutes	Approx. 30 minutes	Approx. 30 minutes (Can be disable)
Operating Temperature	0°C~50°C, \approx 80%RH	0°C~50°C, \approx 80%RH	0°C~50°C, \approx 80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C
Shock Proof	4 feet drops	4 feet drops	4 feet drops
Safety	CAT III 600V	CAT III 600V / CAT IV 300V	CAT III 600V
Maximum Conductor Size	\varnothing 40mm	\varnothing 36mm	\varnothing 36mm
Maximum Jaw Opening	42mm	43mm	43mm
Power Requirement	Single 9V Battery (NEDA 1604 / IEC 6F22)	Single 9V Battery (NEDA 1604 / IEC 6F22)	Single 9V Battery (NEDA 1604 / IEC 6F22)
Battery Life: In hours (Alkaline Battery)	200	150	45
Size: WxLxD	76x200x41mm	88x208x41mm	88x206x43mm
Weight	360g	330g	270g
Included with meter	Test leads, Battery (Zinc), Manual, Carrying Case	Test leads, Battery (Zinc), Manual, Carrying Case	Test probe heads, Battery (Zinc), Coiled cable output plugs, Manual, Carrying Case



133

ALL NEW DESIGNED PRO CLAMP-ON METER

SKU NO: APPA133CBAPC
 UPC CODE: 810053676967
 EAN CODE: 8435394786469

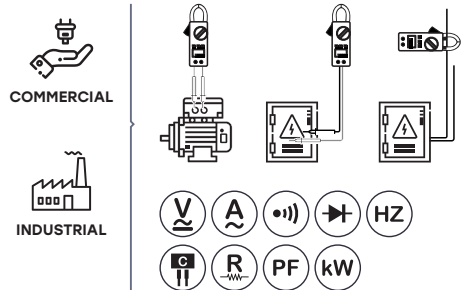
FEATURE

- Active Backlit, Large scale display
- Volt Sense (None Contact Voltage)
- Analog Bar graph
- True RMS reading on AC and AC+DC mode

SPECIFICATIONS

DC Voltage 100.00V~1,000V	AC Voltage 100.00V~1,000V	AC Current 100.00A, 600.0A
OHM 1.0000KΩ, 10.00KΩ, 100.00KΩ		Continuity <30Ω
Diode 2.000V	Capacitance 400.0μF, 4.000mF	Frequency 20.0Hz~10KHz
Harmonic 0.1%~100.0%	Jaw Opening 45mm	Display 10,000

MAIN APPLICATIONS



CONTENTS

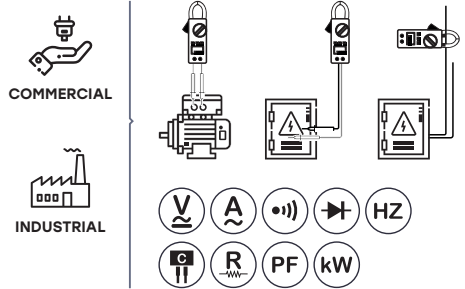
- 87.5 x 242 x 50.5mm
435g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- Test Leads,
Zinc Battery,
Carrying Case

PACKAGING INFORMATION

- Color Box**
255 x 112 x 75mm
- Carton Box**
410 x 365 x 282mm
- X 15 PCS**



MAIN APPLICATIONS



136

ALL NEW DESIGNED PRO CLAMP-ON METER

SKU NO: APPA136CBAPC
 UPC CODE: 810053676981
 EAN CODE: 8435394786476

FEATURE

- Active Backlit, Large scale display
- Volt Sense (None Contact Voltage)
- Analog Bar graph
- True RMS reading on AC and AC+DC mode

SPECIFICATIONS

DC Voltage 100.00V~1,000V	AC Voltage 100.00V~1,000V	AC Current 100.00A, 600.0A
DC Current 100.00A, 600.0A	OHM 1.0000KΩ, 10.00KΩ, 100.00KΩ	
Continuity <30Ω	Diode 2.000V	Capacitance 400.0μF, 4.000mF
Frequency 20.0Hz~10KHz	Harmonic 0.1%~100.0%	Display 10,000

CONTENTS

- 87.5 x 242 x 50.5mm
435g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- Test Leads,
Zinc Battery,
Carrying Case

PACKAGING INFORMATION

- Color Box**
255 x 112 x 75mm
- Carton Box**
410 x 365 x 282mm
- X 15 PCS**



138F

CLAMP-ON METER WITH FLEXIBLE CURRENT PROBE

SKU NO: APPA138FCBAPC
 UPC CODE: 810053677001
 EAN CODE: 8435394786490

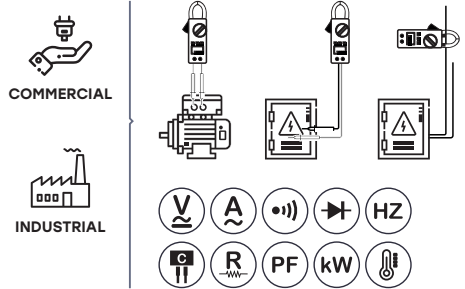
FEATURE

- Active Backlit, Large scale display
- Analog Bar graph
- True RMS reading on AC and AC+DC mode
- Torch lightening when clamping

SPECIFICATIONS

DC Voltage 100.00V~1,000V	AC Voltage 100.00V~1,000V	AC Current 100.00A, 1,000.0A
DC Current 100.00A, 1,000.0A	OHM 1.0000KΩ, 10.00KΩ, 100.00KΩ	
Capacitance 400.0μF, 4.000mF	Frequency 20.0Hz~10KHz	Harmonic 0.1%~100.0%
Temperature -50°C~1,000°C/-58°F~1832°F	Display 10,000	

MAIN APPLICATIONS



CONTENTS

- 87.5 x 257 x 50.5mm
470g
- Single 9V Battery
NEDA 1604 / IEC 6F25
- User Manual
- Test Leads,
Zinc Battery,
Temp. Probe,
Carrying Case

PACKAGING INFORMATION

- Color Box**
255 x 112 x 75mm
- Carton Box**
410 x 365 x 282mm
- X 15 PCS**

MODEL	133	136	138	138F
SPECIFICATIONS				
ACA	100.00A, 600.0A	100.00A, 600.0A	100.00A, 1,000.0A	100.00A, 1,000.0A
DCA	X	100.00A, 600.0A	100.00A, 1,000.0A	100.00A, 1,000.0A
AC Current via SFLEX-T Ranges	X	X	X	0.1A~3,000A
AC+DC A	X	100.00A, 600.0A	100.00A, 1,000.0A	100.00A, 1,000.0A
ACV	100.00V~1,000V	100.00V~1,000V	100.00V~1,000V	100.00V~1,000V
DCV	100.00V~1,000V	100.00V~1,000V	100.00V~1,000V	100.00V~1,000V
AC+DC V	100.00V~1,000V	100.00V~1,000V	100.00V~1,000V	100.00V~1,000V
Watt	10KW~600KW	10KW~600KW	10KW~1MW	10KW~1MW
P.F.	-1.00~1.00	-1.00~1.00	-1.00~1.00	-1.00~1.00
T.H.D.	0.1%~100.0%	0.1%~100.0%	0.1%~100.0%	0.1%~100.0%
Harmonics	0.1%~100.0%	0.1%~100.0%	0.1%~100.0%	0.1%~100.0%
OHM	1.0000K Ω , 10.00K Ω , 100.00K Ω	1.0000K Ω , 10.00K Ω , 100.00K Ω	1.0000K Ω , 10.00K Ω , 100.00K Ω	1.0000K Ω , 10.00K Ω , 100.00K Ω
Continuity Beeper	<30 Ω , 2KHz tone buzzer	<30 Ω , 2KHz tone buzzer	<30 Ω , 2KHz tone buzzer	<30 Ω , 2KHz tone buzzer
Diode Test	2.000V	2.000V	2.000V	2.000V
Capacitance	400.0 μ F, 4.000mF	400.0 μ F, 4.000mF	400.0 μ F, 4.000mF	400.0 μ F, 4.000mF
Frequency Counter	20.0Hz~10KHz	20.0Hz~10KHz	20.0Hz~10KHz	20.0Hz~10KHz
Temperature	X	X	-50°C~1,000°C/ -58°F~1832°F	-50°C~1,000°C/ -58°F~1832°F
GENERAL				
Display	10,000	10,000	10,000	10,000
Sampling Rate	3 times / sec	3 times / sec	3 times / sec	3 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication				
Auto Power Off	Approx. 15 minute	Approx. 15 minute	Approx. 15 minute	Approx. 15 minutes
Operating Temperature	0°C~50°C, \approx 80%RH	0°C~50°C, \approx 80%RH	0°C~50°C, \approx 80%RH	0°C~50°C, \approx 80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C
Safety	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	37mm dia. (750MCM)	37mm dia. (750MCM)	42mm dia. (1,000MCM)	42mm dia. (1,000MCM)
Maximum Jaw Opening	45mm	45mm	45mm	45mm
Maximum Busbar Size	45x10mm	45x10mm	62x12mm	62x12mm
Power Requirement	Single 9V Battery (NEDA 1604 / IEC 6F22)	Single 9V Battery (NEDA 1604 / IEC 6F22)	Single 9V Battery (NEDA 1604 / IEC 6F22)	Single 9V Battery (NEDA 1604 / IEC 6F22)
Battery Life: In hours (Alkaline Battery, Without Backlight)	50	50	50	50
Size: WxLxD	87.5x242x50.5mm	87.5x242x50.5mm	87.5x257x50.5mm	87.5x257x50.5mm
Weight	435g	435g	470g	470g
Included with instrument	Test Leads, Zinc Battery, Manual, Carrying Case	Test Leads, Zinc Battery, Manual, Carrying Case	Test Leads, Zinc Battery, Manual Carrying Case, Temp. Probe	Test Leads, Zinc Battery, Manual, Carrying Case, Temp. Probe



155B

ALL NEW DESIGN BLUETOOTH CLAMP-ON METER

SKU NO: APPA155BCBAPC
 UPC CODE: 810053677018
 EAN CODE: 8435394786506

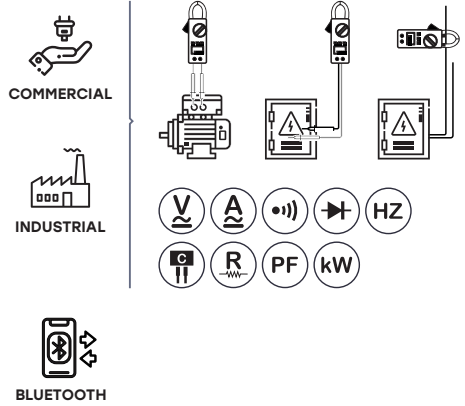
FEATURE

- 50 segment Analog Bar graph
- Active Backlit with Large white LED display
- Bluetooth connecting
- Auto Store up to 1,000 memories

SPECIFICATIONS

DC Voltage 100.00V~1,000V	AC Voltage 100.00V~1,000V	AC Current 100.00A,600.0A
OHM 1.0000KΩ, 10.00KΩ, 100.00KΩ		Continuity <30Ω
Diode 2.000V	Capacitance 4.000μF, 4mF	Frequency 20.0Hz~10KHz
Display 10,000		

MAIN APPLICATIONS



CONTENTS

- 103 x 243 x 55mm
540g
- 6 x 1.5 V AAA Batteries
- User Manual
- Test Leads, Alkaline Battery, Carrying Case

PACKAGING INFORMATION

- Color Box**
300 x 122 x 80mm
- Carton Box**
440 x 396 x 330mm
- X 15 PCS**



158B

ALL NEW DESIGN BLUETOOTH CLAMP-ON METER

SKU NO: APPA158BCBAPC
 UPC CODE: 810053677025
 EAN CODE: 8435394786513

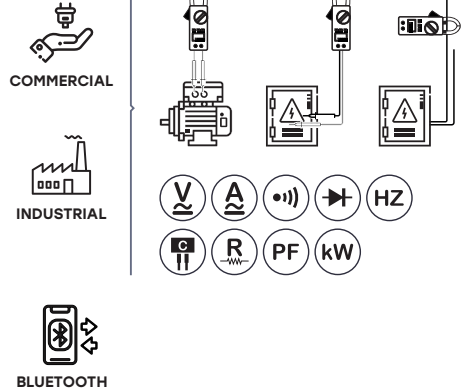
FEATURE

- Active Backlit, Large scale display
- Volt Sense (None Contact Voltage)
- Analog Bar graph
- True RMS reading on AC and AC+DC mode

SPECIFICATIONS

DC Voltage 100.00V~1,000V	AC Voltage 100.00V~1,000V	AC Current 100.00A,600.0A
DC Current 100.00A,600.0A	OHM 1.0000KΩ, 10.00KΩ, 100.00KΩ	
Continuity <30Ω	Diode 2.000V	Capacitance 4.000μF, 4mF
Frequency 20.0Hz~10KHz	Display 10,000	

MAIN APPLICATIONS



CONTENTS

- 103 x 258 x 55mm
600g
- 6 x 1.5 V AAA Batteries
- User Manual
- Test Leads, Alkaline Battery, Temp. Probe, Carrying Case

PACKAGING INFORMATION

- Color Box**
300 x 122 x 80mm
- Carton Box**
440 x 396 x 330mm
- X 15 PCS**

MODEL	155B	158B
SPECIFICATIONS		
ACA	100.00A, 600.0A	100.00A, 1,000.0A
DCA	X	100.00A, 1,000.0A
AC Current via SFLEX-T Ranges	0.1A~3,000A	0.1A~3,000A
AC+DC A	X	100.00A, 1,000.0A
ACV	100.00V~1,000V	100.00V~1,000V
DCV	100.00V~1,000V	100.00V~1,000V
AC+DC V	100.00V~1,000V	100.00V~1,000V
Watt	10KW~600KW	10KW~1MW
PF	-1.00~1.00	-1.00~1.00
T.H.D.	0.1%~100.0%	0.1%~100.0%
Harmonics	0.1%~100.0%	0.1%~100.0%
OHM	1.0000KΩ, 10.00KΩ, 100.00KΩ	1.0000KΩ, 10.00KΩ, 100.00KΩ
Continuity Beeper	<30Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer
Diode Test	2.000V	2.000V
Capacitance	4.000μF, 4mF	4.000μF, 4mF
Frequency Counter	20.00Hz~10.00KHz	20.00Hz~10.00KHz
Temperature	X	-50°C~1,000°C
GENERAL		
Display	10,000	10,000
Sampling Rate	3 times / sec	3 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication		
Auto Power Off	Approx. 15 minutes	Approx. 15 minutes
Operating Temperature	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH
Storage Temperature	-10°C~50°C	-10°C~50°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT IV 600V / CAT III 1000V	CAT IV 600V / CAT III 1000V
Maximum Conductor Size	33mm dia.(750MCM)	40mm dia.(1,000MCM)
Maximum Busbar Size	45x10mm	62x12mm
Power Requirement	6 × 1.5 V AAA Batteries	6 × 1.5 V AAA Batteries
Battery Life: In hours (Alkaline Battery)	50	50
Size: WxLxD	103x243x55mm	103x258x55mm
Weight	540g	600g
Included with instrument	Test Leads, Alkaline Battery, Carrying Case, Manual	Test Leads, Alkaline Battery, Carrying Case, Manual, Temp. Probe



172

ALL NEW DESIGN BLUETOOTH CLAMP METER

SKU NO: APPA172CBAPC
 UPC CODE: 810053677032
 EAN CODE: 8435394786520

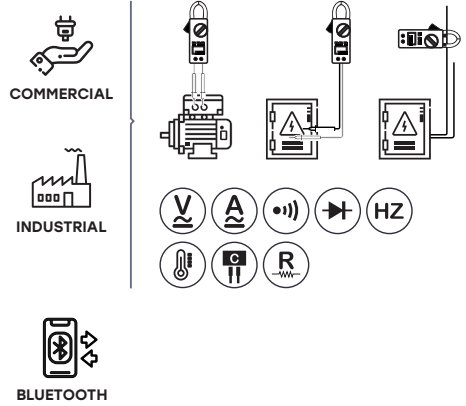
FEATURE

- 6,000 Counts digital display
- Large white LED backlight display
- AC / DC 1,000V Capability
- AC 600A Capability

SPECIFICATIONS

DC Voltage 0.1mV~1,000V	AC Voltage 0.1V~1,000V	AC Current 600.0A
OHM 600.0Ω~600.0KΩ	Capacitance 100.0μF~1,000μF	Frequency 100.0Hz~10KHz
Temperature -40°C~400°C / -40°F~752°F	Jaw Opening 37mm	
Display 6,000		

MAIN APPLICATIONS



CONTENTS

- 62 x 240 x 41mm
430g
- AA Size Battery x 2
(R6, LR6, 15D, 15A)
- User Manual
- Test Leads, Alkaline Battery, Temp. Probe, Carrying Case

PACKAGING INFORMATION

- Color Box**
255 x 112 x 63mm
- Carton Box**
470 x 335 x 282mm
- X 20 PCS**



173

ALL NEW DESIGNED BLUETOOTH PV CLAMP METER

SKU NO: APPA173CBAPC
 UPC CODE: 810053677049
 EAN CODE: 8435394786537

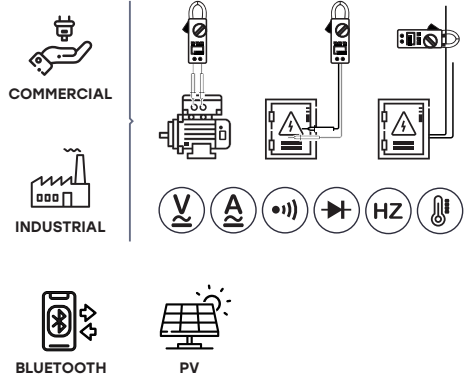
FEATURE

- 6,000 Counts digital display
- Large white LED backlight display
- AC / DC 600A Capability
- True RMS reading on ACA / ACV

SPECIFICATIONS

DC Voltage 0.1mV~1,000V	AC Voltage 0.1V~1,000V	DC Current 600.0A
AC Current 600.0A	OHM 600.0Ω~600.0KΩ	Capacitance 100.0μF~1,000μF
Frequency 100.0Hz~10KHz	Temperature -40°C~400°C / -40°F~752°F	
Jaw Opening 37mm	PV Voltage 2,000VDC / 1500VAC	

MAIN APPLICATIONS



CONTENTS

- 62 x 240 x 41mm
430g
- AA Size Battery x 2
(R6, LR6, 15D, 15A)
- User Manual
- Test Leads, PV Probe, Alkaline Battery, Temp. Probe, Carrying Case

PACKAGING INFORMATION

- Color Box**
270 x 122 x 85mm
- Carton Box**
512 x 452 x 297mm
- X 20 PCS**



179

ALL NEW DESIGNED BLUETOOTH PV CLAMP METER

SKU NO: APPA179CBAPC
 UPC CODE: 810053677056
 EAN CODE: 8435394786544

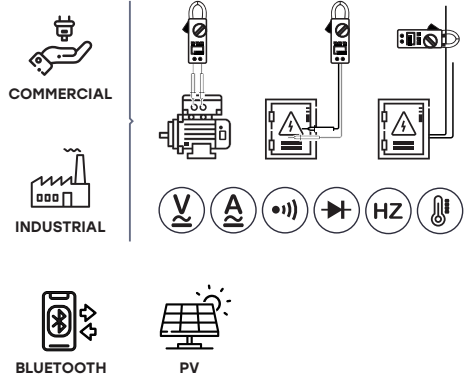
FEATURE

- 6,000 Counts digital display
- Large white LED backlight display
- AC / DC 1500A Capability
- True RMS reading on ACA / ACV

SPECIFICATIONS

DC Voltage 0.1mV~1,000V	AC Voltage 0.1V~1,000V	DC Current 600.0A~1500A
AC Current 600.0A~1500A	OHM 600.0Ω~600.0KΩ	Capacitance 100.0μF~1,000μF
Frequency 100.0Hz~10KHz	Temperature -40°C~400°C / -40°F~752°F	
Jaw Opening 42mm	PV Voltage 2,000VDC / 1500VAC	

MAIN APPLICATIONS



CONTENTS

- 62 x 254 x 41mm
480g
- AA Size Battery x 2
(R6, LR6, 15D, 15A)
- User Manual
- Test Leads, PV Probe, Alkaline Battery, Temp. Probe, Carrying Case

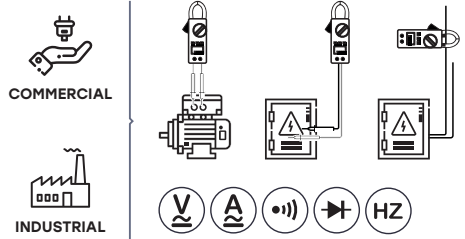
PACKAGING INFORMATION

- Color Box**
270 x 122 x 85mm
- Carton Box**
512 x 452 x 297mm
- X 20 PCS**

MODEL	172	173	179
SPECIFICATIONS			
ACA	600.0A	600.0A	600.0A~1500A
DCA	X	600.0A	600.0A~1500A
ACV	0.1V~1,000V	0.1V~1,000V	0.1V~1,000V
DCV	0.1mV~1,000V	0.1mV~1,000V	0.1mV~1,000V
PVV	X	2,000VDC / 1500VAC	2,000VDC / 1500VAC
Frequency	100.0Hz~10KHz	100.0Hz~10KHz	100.0Hz~10KHz
OHM	600.0Ω~600KΩ	600.0Ω~600KΩ	600.0Ω~600KΩ
Diode Test	1.500V	1.500V	1.500V
μA	4,000μA	4,000μA DC	4,000μA DC
Capacitance	100.0μF~1,000μF	100.0μF~1,000μF	100.0μF~1,000μF
Temperature	-40°C~400°C -40°F~752°F	-40°C~400°C -40°F~752°F	-40°C~400°C -40°F~752°F
Continuity Beeper	20Ω ,2.7K Tone Buzzer	20Ω ,2.7K Tone Buzzer	20Ω ,2.7K Tone Buzzer
LoZ	0.1V~1,000V	X	X
GENERAL			
Display	6,000	6,000	6,000
Sampling Rate	3 times / sec	3 times / sec	3 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication			
Auto Power Off	Approx. 15 minutes	Approx. 15 minutes	Approx. 15 minutes
Operating Temperature	-10°C~50°C, ≤80%RH	-10°C~50°C, ≤80%RH	-10°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT IV 600V / CAT III 1000V	CAT IV 600V / CAT III 1000V	CAT IV 600V / CAT III 1000V
Maximum Conductor Size	37mm	37mm	42mm
Power Requirement NEDA 15A or IEC LR6, 1.5Vx2	AA Size Batteryx2 (R6, LR6, 15D, 15A)	AA Size Batteryx2 (R6, LR6, 15D, 15A)	AA Size Batteryx2 (R6, LR6, 15D, 15A)
Battery Life: In hours (Alkaline Battery, Without Backlight)	200	200	200
Size: WxLxD	62x240x41mm	62x240x41mm	62x254x41mm
Weight	430g	430g	480g
Included with instrument	Test Leads, Alkaline Battery, Manual, Temp. Probe, Carrying Case	Test Leads, PV Probe, Alkaline Battery, Manual, Temp. Probe, Carrying Case	Test Leads, PV Probe, Alkaline Battery, Manual, Temp. Probe, Carrying Case



MAIN APPLICATIONS



MA3

MINI CURRENT CLAMP-ON METER

SKU NO: APPAMA3CBAPC
 UPC CODE: 810053677537
 EAN CODE: 8435394787022

FEATURE

- Large white LED backlight display
- Autoranging
- 1mA High Precise resolution
- DC 0.1mV High Precise resolution

SPECIFICATIONS

DC Voltage 600.0mV~1,000V	AC Voltage 6.000V~1,000V	OHM 600.0Ω~40.00MΩ
DC Current 6,000mA, 60.00A, 100.0A	Diode 1.500V	
AC Current 6,000mA, 60.00A, 100.0A	Display 6,000	
Frequency 1,000.0Hz~50.00KHz	Jaw Opening 21mm	

CONTENTS

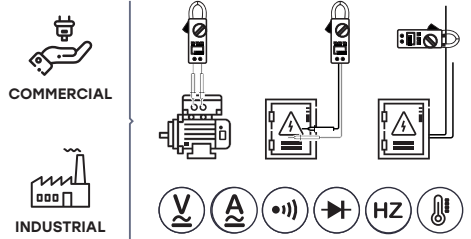
- 60 x 220 x 33mm
260g
- 2 x 1.5V AAA Batteries
- User Manual
- Test Leads, Zinc Battery, Carrying Case

PACKAGING INFORMATION

- Color Box**
255 x 112 x 63mm
- Carton Box**
470 x 335 x 282mm
- X 20 PCS**



MAIN APPLICATIONS



MA5

MINI CURRENT CLAMP-ON METER

SKU NO: APPAMA5CBAPC
 UPC CODE: 810053677544
 EAN CODE: 8435394787039

FEATURE

- Large white LED backlight display
- Autoranging
- 1mA High Precise resolution
- True RMS reading on ACA/ACV

SPECIFICATIONS

DC Voltage 600.0mV~1,000V	AC Voltage 6.000V~1,000V	OHM 600.0Ω~40.00MΩ
DC / AC Current 6,000mA, 60.00A, 100.0A		Diode 1.500V
Frequency 1,000.0Hz~50.00KHz		Display 6,000
Capacitance 1,000nF~10mF	Temperature -40.0°C~400.0°C	Jaw Opening 21mm

CONTENTS

- 60 x 220 x 33mm
260g
- 2 x 1.5V AAA Batteries
- User Manual
- Test Leads, Zinc Battery, Temp. Probe, Carrying Case

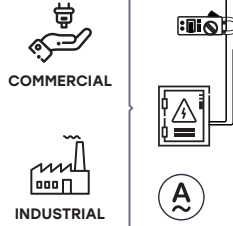
PACKAGING INFORMATION

- Color Box**
255 x 112 x 63mm
- Carton Box**
470 x 335 x 282mm
- X 20 PCS**

MODEL	MA3	MA5
SPECIFICATIONS		
ACA	6,000mA, 60.00A, 100.0A	6,000mA, 60.00A, 100.0A
DCA	6,000mA, 60.00A, 100.0A	6,000mA, 60.00A, 100.0A
ACA via FLEX	300.0A, 3,000A	300.0A, 3,000A
ACV	6.000V~1,000V	6.000V~1,000V
DCV	600.0mV~1,000V	600.0mV~1,000V
OHM	600.0Ω~40.00MΩ	600.0Ω~40.00MΩ
Continuity Beeper	<20Ω, 2.7KHz tone buzzer	<20Ω, 2.7KHz tone buzzer
Diode	1.500V	1.500V
Capacitance	X	1,000nF~10.00mF
Frequency Counter	1,000.0Hz~50.00KHz	1,000.0Hz~50.00KHz
Temperature	X	-40.0°C~400.0°C
GENERAL		
Display	6,000	6,000
Sampling Rate	3 times / sec	3 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication		
Auto Power Off	Approx. 20 minutes	Approx. 20 minutes
Operating Temperature	-10°C~50°C, ≈80%RH	-10°C~50°C, ≈80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C or >28°C	0.2x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT II 1000V / CAT III 600V / CAT IV 300V	CAT II 1000V / CAT III 600V / CAT IV 300V
Maximum Conductor Size	20mm dia.	20mm dia.
Maximum Jaw Opening	21mm	21mm
Power Requirement	2 × 1.5V AAA Batteries	2 × 1.5V AAA Batteries
Battery Life: In hours	150	150
Size: WxLxD	60x220x33mm	60x220x33mm
Weight	260g	260g
Included with instrument	Test Leads, Zinc Battery, Carrying Case, Manual	Test Leads, Zinc Battery, Carrying Case, Manual, Temp. Probe



MAIN APPLICATIONS



sFlex10T

FLEXIBLE CURRENT TRANSDUCER

SKU NO: APPASFLEX10TCBAPC
 UPC CODE: 810053677612
 EAN CODE: 8435394787107

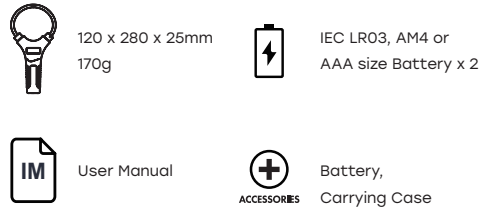
FEATURE

- 3,000A AC current measurement
- Slide switch to change range
- Voltage output to universal voltage meters
- 10 inch head cable length

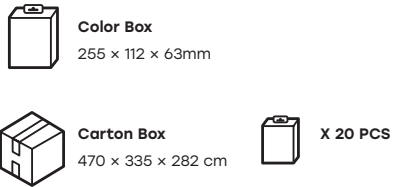
SPECIFICATIONS

AC Current 0.01A~3,000A	Head Cble Length 10 inch	Coil Diameter 7.5mm
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CONTENTS



PACKAGING INFORMATION





sFlex18A

BLUETOOTH ALL-IN-ONE FLEXIBLE CURRENT PROBE METER

SKU NO: APPASFLEX18ACBAPC
 UPC CODE: 810053677629
 EAN CODE: 8435394787114

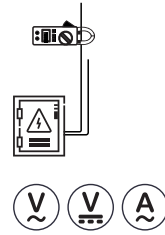
FEATURE

- 10,000 Count LCD dual digital backlight display
- TrueRMS reading on ACA / ACV
- Fully automatic on ACA, ACV, DCV, Ω , Hz measuring
- Bluetooth connection with APPA connect APP

SPECIFICATIONS

AC Current 0.01A~3,000A	OHM 1Ω~10kΩ	Frequency 10.0Hz~10KHz
Head Cble Length 18 inch	Coil Diameter 7.5mm	Display 10,000

MAIN APPLICATIONS



CONTENTS



130 x 350 x 25mm
230g



IEC LR03, AM4 or
AA size Batteryx2



User Manual



ACCESSORIES

Battery,
Carrying Case

PACKAGING INFORMATION



Color Box
255 x 112 x 63mm



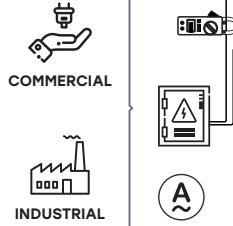
Carton Box
470 x 335 x 282 cm



X 20 PCS



MAIN APPLICATIONS



sFlex18D

FLEXIBLE CURRENT PROBE METER

SKU NO: APPASFLEX18DCBAPC
 UPC CODE: 810053677636
 EAN CODE: 8435394787121

FEATURE

- Data Hold
- 3,000A AC current measurement
- Auto Ranging
- 7.5mm coil diameter for tight space measurement

SPECIFICATIONS

AC Current 0.01A~3,000A	Head Cble Length 18 inch	Coil Diameter 7.5mm
Display 3,000	OHM 1Ω~10kΩ	Frequency 10.0Hz~10KHz

CONTENTS

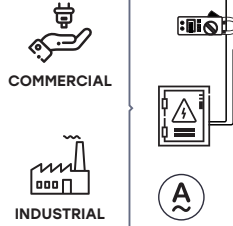
- 130 x 350 x 25mm
200g
- IEC LR03, AM4 or
AAA size Battery x 2
- User Manual
- Battery,
Carrying Case

PACKAGING INFORMATION

- Color Box**
255 x 112 x 63mm
- Carton Box**
470 x 335 x 282 cm
- X 20 PCS**



MAIN APPLICATIONS



sFlex18T

FLEXIBLE CURRENT TRANSDUCER

SKU NO: APPASFLEX18TCBAPC
 UPC CODE: 810053677643
 EAN CODE: 8435394787138

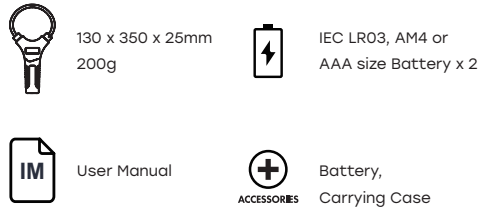
FEATURE

- 3,000A AC current measurement
- Slide switch to change range
- Voltage output to universal voltage meters
- 18 inch head cable length

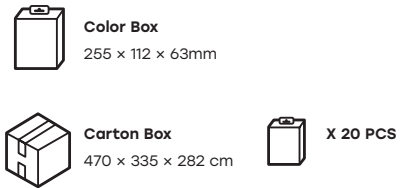
SPECIFICATIONS

AC Current 0.01A~3,000A	Head Cble Length 18 inch	Coil Diameter 7.5mm
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CONTENTS



PACKAGING INFORMATION



MODEL	sFlex 10T	sFlex 18A	sFlex 18D	sFlex 18T
SPECIFICATIONS				
ACA	0.01A~3,000A	0.01A~3,000A	0.1A~3,000A	0.1A~3,000A
Auto Ranging	V	V	V	X
OHM	X	1Ω~10KΩ	1Ω~10KΩ	X
Frequency	X	10.0Hz~10KHz	10.0Hz~10KHz	X
Measuring Method	TRUE RMS	TRUE RMS	TRUE RMS	TRUE RMS
Display Hold	X	Hold	Hold	X
Head Cable Length	10 inch	18 inch	18 inch	18 inch
Extension Cable Length	2 meter	X	X	2 meter
Hand Guard Designed	V	V	V	V
GENERAL				
Display	X	10,000	3,000	X
Overload Indication	"OL"	"OL"	"OL"	"OL"
Low Battery Indication	LED			LED
Auto Power Off	Approx. 20mins	Approx. 20mins	Approx. 20mins	Approx. 20mins
Operating Temperature	0°C~50°C, ≈80%RH	-10°C~50°C, 80%RH	0°C~50°C, ≈80%RH	0°C~50°C, ≈80%RH
Storage Temperature	-20°C~60°C	-20°C to 60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18°C, >28°C	0.1x(Spec. Acc) / °C, <18°C, >28°C	0.2x(Spec. Acc) / °C, <18°C, >28°C	0.2x(Spec. Acc) / °C, <18°C, >28°C
Safety	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	10" coil size	18" coil size	18" coil size	18" coil size
Coil Diameter	7.5mm	7.5mm	7.5mm	7.5mm
Battery Life: in hours (Alkaline Battery)	160	60	200	160
Power Requirement	EC LR03, AM4 or AAA size Battery x 2	IEC LR03, AM4 or AA size Batteryx2	EC LR03, AM4 or AAA size Battery x 2	EC LR03, AM4 or AAA size Battery x 2
Size: WxLxD	120x280x25mm	130x350x25mm	130x350x25mm	130x350x25mm
Weight	170g	230g	200g	200g
Included with instrument	Battery, Manual, Carrying Case	Battery, Manual, Carrying Case	Battery, Manual, Carrying Case	Battery, Manual, Carrying Case



MULTIMETERS

10 SERIES COMBO KIT
60 SERIES / 70 SERIES / 90 SERIES /
100 SERIES / 500 SERIES / 600 SERIES
700 SERIES / M SERIES / P SERIES
S SERIES / IMETER SERIES



10 combo kit

THERMOCOUPLE MODULE / AC CURRENT TRANSDUCER / PEN-TYPE MULTIMETER

SKU NO: APPA10KITCBAPC
 UPC CODE: 810053678190
 EAN CODE: 8435394787794

FEATURE

- Converts any Dmm into a thermometer (11)
- -50°C to 1,000°C C47(-58°F to 1830°F) range (11)
- Non-intrusive transducing (15)
- Autorranging and Manual selection (17A)

SPECIFICATIONS

17A DC Voltage
600.0V

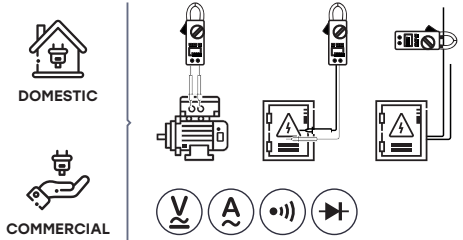
17A AC Voltage
600.0V

17A Display
2,000

11 Measurement Range
-50°C~1,000°F / -58°F~1830°F

15 Output Voltage
1mV a.c. per 0.1 Amp a.c.

MAIN APPLICATIONS



CONTENTS



11-
46 x 122 x 30mm
114g



AA size 1.5V x 2
Batteries
single 9V Battery

15-
72 x 102 x 36mm
150g
17A-
42 x 145 x 24mm
120g



Test Lead,
Long Test Probe,
Short Test Probe,
Alligator Clip,
Zinc Battery,
Carrying Case



User Manual

PACKAGING INFORMATION



Color Box
196 x 180 x 60mm



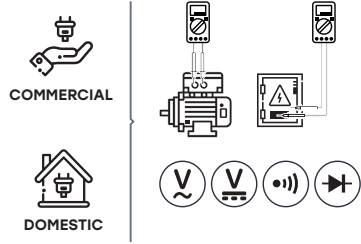
Carton Box
388 x 335 x 220mm



X 10 PCS



MAIN APPLICATIONS



17A

PEN-TYPE MULTIMETER

SKU NO: APPA17ACBAPC
 UPC CODE: 810053678206
 EAN CODE: 8435394787800

FEATURE

- 4200 count digital resolution
- Autorranging and Manual selection
- 0.5% basic DC Volts accuracy
- 1.5% basic AC Volts accuracy

SPECIFICATIONS

DC Voltage 1mV~600V	AC Voltage 1mV~600V	Resistance 0.1Ω~42MΩ
Continuity <50Ω	Diode 2.000V	

CONTENTS

- 42 x 145 x 24mm
120g
- IEC LR03, UM4 or AAA size 1.5V x 2
- User Manual
- Test Lead, Long Test Probe, Short Test Probe, Zinc Battery, Alligator Clip

PACKAGING INFORMATION

- Color Box**
170 x 140 x 65mm
- Carton Box**
588 x 345 x 192mm
- X 20 PCS**

MODEL	11
SPECIFICATIONS	
Temperature Scale	Celsius or Fahrenheit user-selectable
Input	Single K-type thermocouple
Output to Meter	1mVdc per°C or °F
Measurement Range	-50°C ~ 1,000°F / -58°F ~ 1830°F
Accuracy	-19°C~350°C, ±(0.5%+2°C), -3°F~662°F, ±(0.5%+4°F), 351°C~500°C, ±(2.0%+2°C), 663°F~932°F, ±(2.0%+4°F), 501°C~1,000°C, ±(2.9%+2°C), 933°F~1832°F, ±(2.9%+4°F), -50°C~-20°C, ±(2.0%+2°C), -58°F~-4°F, ±(2.0%+4°F)
GENERAL	
Operating Temperature	0°C ~ 50°C, ≤80% RH
Storage Temperature	-20°C~60°C
Temperature Coefficient	0.1x(Spec. Acc) / °C, <18°C or >28°C
Relative Humidity	0% ~ 80%
Power Requirement	Standard 9V Battery, NEDA 1604 JIS 006P IEC 6F22
Battery Life: In hours (Alkaline Battery)	300
Size: WxLxD	46x122x30mm
Weight	114g

MODEL	15
SPECIFICATIONS	
Current Range	0.1A to 300A a.c. RMS
Output Voltage	1mV a.c. per 0.1 Amp a.c.
Accuracy	±(1.9%+0.5A), 50Hz to 60Hz ±(3.9%+1A), 40Hz to 400Hz
GENERAL	
Operating Temperature	0°C ~ 50°C, ≤80% RH
Storage Temperature	-20°C~60°C
Safety	CAT II 600V
Jaw Opening	Ø30mm max.
Power Requirement	20 minutes
Conductor Size	Up to 29mm diameter
Size: WxLxD	72x102x36mm
Weight	150g

MODEL	17A
SPECIFICATIONS	
DCV	1mV~600V
ACV	1mV~600V
Resistance	0.1Ω~42MΩ
Diode Test	2.000V
Continuity Test	<50Ω, 2kHz tone buzzer
GENERAL	
Temperature Coefficient	0.15x(Spec. Acc) / °C <18°C or >28°C
Measuring rate	2 times / sec
Operating Temperature	0°C ~ 50°C, ≤80% RH
Storage Temperature	-20°C~60°C
Relative Humidity	0 ~ 80% (0°C ~ 35°C), 0 ~ 60% (35°C ~ 50°C)
Safety	CAT II 600V
Low Battery Indication	
Power Requirements	IEC LR03, UM4 or AAA size 1.5V x 2
Battery Life: In hours (Alkaline Battery)	800
Size: WxLxD	42x145x24mm
Weight	120g, without probes
Included with instrument	Test Lead, Long Test Probe, Short Test Probe, Alligator Clip, Zinc Battery, Manual



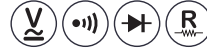
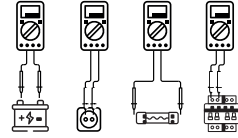
MAIN APPLICATIONS



DOMESTIC



COMMERCIAL



61

TOP OF LOW-COST DIGITAL MULTIMETERS

SKU NO: APPA61CBAPC
 UPC CODE: 810053677261
 EAN CODE: 8435394786759

FEATURE

- 2,000 counts
- Autoranging and Manual selection
- Auto Power Off
- None contact voltage detecting

SPECIFICATIONS

DC Voltage 200.0mV~1,000V	AC Voltage 200.0mV~750V	OHM 200.0Ω~20.00MΩ
Continuity <150Ω	Display 2,000	

CONTENTS



74 x 156 x 44mm
250g



IEC LR03, AM4 or
AAA size 1.5V x 2



User Manual



ACCESSORIES

Test Leads,
Zinc Battery

PACKAGING INFORMATION



Color Box
196 x 140 x 60mm



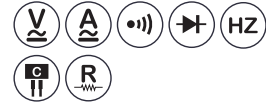
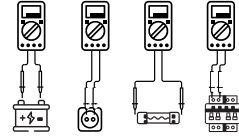
Carton Box
447 x 330 x 220mm



X 15 PCS



MAIN APPLICATIONS



62

TOP OF LOW-COST DIGITAL MULTIMETERS

SKU NO: APPA62CBAPC
 UPC CODE: 810053677278
 EAN CODE: 8435394786766

FEATURE

- Autoranging and Manual selection
- Auto Power Off
- None contact voltage detecting
- Capacitor measurement

SPECIFICATIONS

DC Voltage 200.0mV~1,000V	AC Voltage 200.0mV~750V	DC Current 2.000A/10.00A
AC Current 2.000A/10.00A	OHM 200.0Ω~20.00MΩ	Continuity <150Ω
Frequency 2KHz~20MHz	Capacitance 2nF~2mF	Display 2,000

CONTENTS



74 x 156 x 44mm
250g



IEC LR03, AM4 or
AAA size 1.5V x 2



User Manual



ACCESSORIES

Test Leads,
Zinc Battery

PACKAGING INFORMATION



Color Box
196 x 140 x 60mm



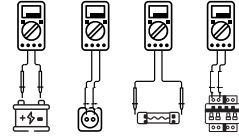
Carton Box
447 x 330 x 220mm



X 15 PCS



MAIN APPLICATIONS



62T

TOP OF LOW-COST DIGITAL MULTIMETERS

SKU NO: APPA62TCBAPC
 UPC CODE: 810053677285
 EAN CODE: 8435394786773

FEATURE

- 2,000 count large scale digital display
- Autoranging and Manual selection
- ACV, DCV, Ohm, Continuity and Diode function
- VoltSense™ for non-contact voltage detection

SPECIFICATIONS

DC Voltage 200.0mV~1,000V	AC Voltage 200.0mV~750V	DC Current 2.000A/10.00A
AC Current 2.000A/10.00A	OHM 200.0Ω~20.00MΩ	Continuity <150Ω
Frequency 2KHz~20MHz	Capacitance 2nF~2mF	Temperature -20°C~800°C
Display 2,000		

CONTENTS



74 x 156 x 44mm
250g



IEC LR03, AM4 or
AAA size 1.5V x 2



User Manual



ACCESSORIES

Test Leads,
Zinc Battery,
Temp. Probe

PACKAGING INFORMATION



Color Box
196 x 140 x 60mm



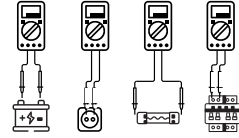
Carton Box
447 x 330 x 220mm



X 15 PCS



MAIN APPLICATIONS



66RT

TOP OF LOW-COST TRUE-RMS MULTIMETERS

SKU NO: APPA66RTCBAPC
 UPC CODE: 810053677292
 EAN CODE: 8435394786780

FEATURE

- 6,000 count large scale digital display
- Auto detect AC / DC on Voltage and Ampere
- VoltSense™ for non-contact voltage detection
- °C / °F Temperature Function

SPECIFICATIONS

DC Voltage 60mV~1,000V	AC Voltage 60mV~1,000V	DC Current 6.000A/10.00A
AC Current 6.000A / 10.00A	OHM 200.0Ω~20.00MΩ	Continuity <30Ω
Diode 1.500V	Frequency 6KHz~100KHz	Capacitance 10nF~10mF
Temperature -40°C~400°C	Display 6,000	

CONTENTS



74 x 156 x 44mm
250g



IEC LR03, AM4 or
AAA size 1.5V x 2



User Manual



ACCESSORIES

Test Leads,
Zinc Battery,
Temp. Probe

PACKAGING INFORMATION



Color Box
196 x 140 x 60mm



Carton Box
447 x 330 x 220mm



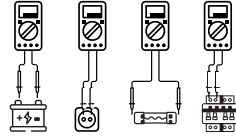
X 15 PCS



MAIN APPLICATIONS



DOMESTIC



COMMERCIAL



67

POCKET-SIZE MULTIMETER

SKU NO: APPA67CBAPC
 UPC CODE: 810053677308
 EAN CODE: 8435394786797

FEATURE

- 3200 count digital display
- 65 segments analog bar graph
- Autoranging and Manual selection
- 0.7% basic DC volts accuracy

SPECIFICATIONS

DC Voltage 300.0mV~600V	AC Voltage 300.0mV~600V	DC Current 300.0µA~20.00A
AC Current 300.0µA~20.00A	OHM 300.0Ω~30.00MΩ	Continuity <50Ω
Display 3,200		

CONTENTS



85 x 165 x 40mm
360g



IEC LR03, AM4 or
AAA size 1.5V x 2



User Manual



ACCESSORIES

Test Leads,
Zinc Battery

PACKAGING INFORMATION








Color Box
196 x 180 x 60mm



Carton Box
561 x 321 x 220mm



X 15 PCS

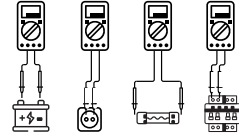
MODEL	61	62	62T	66RT	67
SPECIFICATIONS					
DCV	200.0mV~1,000V	200.0mV~1,000V	200.0mV~1,000V	60mV~1,000V	300.0mV~6,000V
ACV	200.0mV~750V	200.0mV~750V	200.0mV~750V	60mV~1,000V	3.000V~600V
DCA	X	2.000A/10.00A	2.000A/10.00A	6.000A/10.00A	300.0μA~20.00A
ACA	X	2.000A/10.00A	2.000A/10.00A	6.000A/10.00A	300.0μA~20.00A
OHM	200.0Ω~20.00MΩ	200.0Ω~20.00MΩ	200.0Ω~20.00MΩ	200.0Ω~20.00MΩ	300.0Ω~30.00MΩ
Continuity Beeper	<150Ω, 2KHz tone buzzer	<150Ω, 2KHz tone buzzer	<150Ω, 2KHz tone buzzer	<30Ω, 2KHz tone buzzer	<50Ω, 2KHz tone buzzer
Diode Test	X	X	X	1.500V	X
Frequency Counter	X	2KHz~20MHz	2KHz~20MHz	6KHz~100KHz	X
Capacitance	X	2nF~2mF	2nF~2mF	10nF~10mF	X
Temperature	X	X	-20°C~800°C	-40°C~400°C	X
GENERAL					
Display	2,000	2,000	2,000	6,000	3,200
Sampling Rate	2 times / sec	2 times / sec	2 times / sec	3 times / sec	2 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"	"1" or "-1"
Low Battery Indication					
Auto Power Off	Approx. 10mins	Approx. 10mins	Approx. 10mins	Approx. 10mins	Approx. 10mins
Operating Temperature	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient 0.15x(Spec. Acc) / °C, <18°C or >28°C	V	V	V	V	V
Safety	CAT III 600V CAT II 1000V	CAT III 600V CAT II 1000V	CAT III 600V CAT II 1000V	CAT III 600V CAT II 1000V	CAT III 600V CAT II 1000V
Battery Life: in hours (Alkaline Battery)	250	250	250	250	900
Power Requirement IEC LR03, AM4 or AAA size 1.5V x 2	V	V	V	V	V
Size: WxLxD	74x156x44mm	74x156x44mm	74x156x44mm	74x156x44mm	85x165x40mm
Weight	250g	250g	250g	250g	360g
Included with instrument	Test Leads, Zinc Battery, Manual	Test Leads, Zinc Battery, Manual	Test Leads, Zinc Battery, Manual, Temp. Probe	Test Leads, Zinc Battery, Manual, Temp. Probe	Test Leads, Zinc Battery, Manual



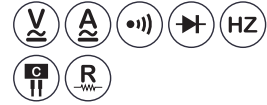
MAIN APPLICATIONS



DOMESTIC



COMMERCIAL



73

DIGITAL MULTIMETER

SKU NO: APPA73CBAPC
 UPC CODE: 810053677339
 EAN CODE: 8435394786827

FEATURE

- 6,000 count digital display
- Backlit, Large scale display
- True RMS reading on AC mode
- 0.5% basic DCV accuracy

SPECIFICATIONS

DC Voltage 600.0mV~1,000V	AC Voltage 600.0mV~750V	OHM 600.0Ω~60.00MΩ
DC Current 600.0μA, 6,000μA, 6.000A, 10.00A	AC Current 6.000A, 10.00A	
Frequency 6,000Hz~60.00MHz	Continuity <150Ω	
Capacitance 6.000nF~6.000mF		

CONTENTS



82x164x44mm
400g



Single 9V Battery
NEDA 1604 / IEC 6F22



User Manual



ACCESSORIES

Test Leads,
Protective Holster,
Zinc Battery

PACKAGING INFORMATION




Color Box
196 × 180 × 60mm



Carton Box
561 × 321 × 220mm



X 15 PCS

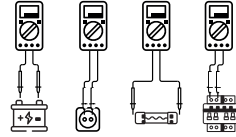
MODEL	73
SPECIFICATIONS	
DCV	600.0mV~1,000V
ACV	600.0mV~750V
DCA	600.0μA, 6,000μA, 6.000A, 10.00A
ACA	6.000A, 10.00A
OHM	600.0Ω~60.00MΩ
Continuity Beeper	<150Ω, 2KHz tone buzzer
Frequency Counter	6,000Hz~60.00MHz
Capacitance	6.000nF~6.000mF
GENERAL	
Display	6,000
Sampling Rate	1,5 times / sec
Overload Indication	"OL" or "-OL"
Low Battery Indication	
Auto Power Off	Approx. 10mins
Operating Temperature	0°C~50°C, <80% RH
Storage Temperature	-20°C~60°C
Temperature: Coefficient	0.15x(Spec. Acc) / °C, <18°C or >28
Safety	CAT IV 600V / CAT III 1000V
Battery Life: in hours (Alkaline Battery)	300
Power Requirement	Single 9V Battery (NEDA 1604 or IEC 6F22)
Size: WxLxD	82x164x44mm
Weight	400g
Included with instrument	Test Leads, Zinc Battery, Protective Holster, Manual



MAIN APPLICATIONS



DOMESTIC



COMMERCIAL



91

RUGGED INDUSTRIAL MULTIMETER

SKU NO: APPA91CBAPC
 UPC CODE: 810053677346
 EAN CODE: 8435394786834

FEATURE

- Water Resistant rating IP 64
- 500V dual fuses protection
- Auto Power Shut Off
- Beep Guard™ warning system

SPECIFICATIONS

DC Voltage 200mV~1,000V	AC Voltage 200.0mV~750V	DC Current 200.0µA~20.00A
AC Current 200.0µA~20.00A	OHM 200.0Ω~20.00MΩ	Continuity <50Ω
Display 2,000		

CONTENTS



95 x 192 x 50mm
550g



Single 9V Battery
NEDA 1604 / IEC 6F22



User Manual



ACCESSORIES

Test Leads,
Protective Holster,
Zinc Battery

PACKAGING INFORMATION



Color Box
222 x 180 x 65mm



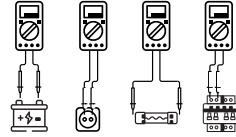
Carton Box
379 x 348 x 245mm



X 10 PCS



MAIN APPLICATIONS



97

RUGGED INDUSTRIAL MULTIMETER

SKU NO: APPA97CBAPC
 UPC CODE: 810053677346
 EAN CODE: 8435394786841

FEATURE

- 65 segment analog bar graph
- Autoranging and Manual selection
- 0.5 % basic DCA accuracy

SPECIFICATIONS

DC Voltage 300mV~1,000V	AC Voltage 3.000V~750V	DC Current 300.0µA~20.00A
AC Current 300.0µA~20.00A	OHM 300.0Ω~30.00MΩ	Continuity <50Ω
Display 3,200		

CONTENTS



95 x 192 x 50mm
550g



IEC LR03, AM4 or
AAA size 1.5V x 2



User Manual



Test Leads,
Protective Holster,
Zinc Battery

PACKAGING INFORMATION



Color Box
222 x 180 x 65mm



Carton Box
379 x 348 x 245mm

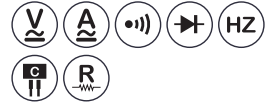
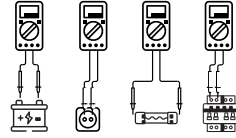


X 10 PCS

MODEL	91	97
SPECIFICATIONS		
DCV	200.0mV~1,000V	300.0mV~1,000V
ACV	200.0mV~750V	3.000V~750V
DCA	200.0μA~20.00A	300.0μA~20.00A
ACA	200.0μA~20.00A	300.0μA~20.00A
OHM	200.0Ω~20.00MΩ	300.0Ω~30.00MΩ
Continuity Beeper	<50Ω, 2KHz tone buzzer	<50Ω, 2KHz tone buzzer
GENERAL		
Display	2,000	3,200
Sampling Rate	2.5 times / sec	2 times / sec
Overload Indication	"1" or "-1"	"OL" or "-OL"
Low Battery Indication		
Auto Power Off	Approx. 30mins	Approx. 30mins
Operating Temperature	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.15x(Spec. Acc) / °C, <18°C or >28°C	0.15x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT III 600V	CAT III 600V
Battery Life: in hours (Alkaline Battery)	300	700
Power Requirement	Single 9V Battery (NEDA 1604A / IEC 6LF22)	Single 9V Battery (NEDA 1604A / IEC 6LF22)
Size: WxLxD	95x192x50mm	95x192x50mm
Weight	550g	550g
Included with instrument	Test Leads, Zinc Battery, Protective Holster, Manual	Test Leads, Zinc Battery, Protective Holster, Manual



MAIN APPLICATIONS



103N

THE TOUGHEST MULTIMETERS

SKU NO: APPA103NCBAPC
 UPC CODE: 810053676943
 EAN CODE: 8435394786438

FEATURE

- Optical RS232 interface
- Water/ Dust resistant
- Auto Power Off
- Data Hold

SPECIFICATIONS

DC Voltage 400mV~1,000V	AC Voltage 400mV~750V	DC Current 40mA~10A
AC Current 40mA~10A	OHM 400Ω~40MΩ	Continuity 30Ω
Capacitance 4nF~40mF	Display 4,000	

CONTENTS



100 x 212 x50mm
620g



IEC, LR03, AM4 or
AAA Size 1.5 x 2



User Manual



Test Leads,
Test Clips,
Zinc Battery,
Protective Holster

PACKAGING INFORMATION



Color Box
222 x 180 x 65mm



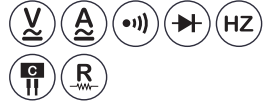
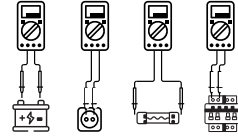
Carton Box
379 x 348 x 245mm



X 10 PCS



MAIN APPLICATIONS



105N

THE TOUGHEST MULTIMETERS

SKU NO: APPA105NCBAPC
 UPC CODE: 810053676950
 EAN CODE: 8435394786445

FEATURE

- Optical RS232 interface
- Water / Dust resistant
- Auto Power Off
- Data hold / Relative mode

SPECIFICATIONS

DC Voltage 400mV~1,000V	AC Voltage 400mV~750V	DC Current 40mA~10A
AC Current 40mA~10A	OHM 400Ω~40MΩ	Continuity 30Ω
Capacitance 4nF~40mF	Frequency 4KHz~40MHz	Display 4,000

CONTENTS



100 x 212 x 50mm
620g



IEC, LR03, AM4 or
AAA Size 1.5 x 2



User Manual



ACCESSORIES

Test Leads,
Test Clips,
Zinc Battery,
Protective Holster

PACKAGING INFORMATION



Color Box
222 x 180 x 65mm



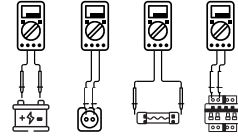
Carton Box
379 x 348 x 245mm



X 10 PCS



MAIN APPLICATIONS



106

THE TOUGHEST MULTIMETERS

SKU NO: APPA106CBAPC
 UPC CODE: 81005367974
 EAN CODE: 8435394786452

FEATURE

- True RMS
- Optical RS232 interface
- Water / Dust resistant
- Data hold/Relative mode

SPECIFICATIONS

DC Voltage 400mV~1,000V	AC Voltage 400mV~750V	DC Current 40mA~10A
AC Current 40mA~10A	OHM 400Ω~40MΩ	Continuity 30Ω
Capacitance 4nF~40mF	Frequency 4KHz~40MHz	Temperature -20°C~800°C
Display 4,000		

CONTENTS



100 x 212 x 50mm
620g



Single 9V Battery
NEDA 1604 / IEC 6F22



User Manual



ACCESSORIES

Test Leads,
Test Clips,
Temp. Probe,
Zinc Battery,
Protective Holster

PACKAGING INFORMATION



Color Box
222 x 180 x 65mm



Carton Box
379 x 348 x 245mm

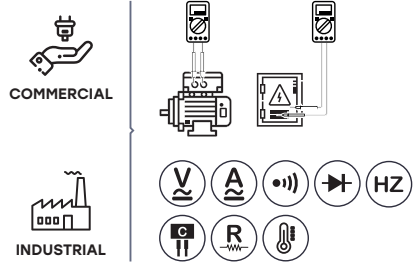


X 10 PCS

MODEL	103N	105N	106
SPECIFICATIONS			
DCV	400mV~1,000V	400mV~1,000V	400mV~1,000V
ACV	400mV~750V	400mV~750V	400mV~750V
OHM	400Ω~40MΩ	400Ω~40MΩ	400Ω~40MΩ
Continuity Test	Approx.30Ω, 2KHz tone buzzer	Approx.30Ω, 2KHz tone buzzer	Approx.30Ω, 2KHz tone buzzer
DCA	40mA~10A	40mA~10A	40mA~10A
ACA	40mA~10A	40mA~10A	40mA~10A
Capacitance	4nF~40mF	4nF~40mF	4nF~40mF
Hz	4KHz~40MHz	4KHz~40MHz	4KHz~40MHz
RPM	40kRPM~400kRPM	40kRPM~400MRPM	40kRPM~400MRPM
Temperature	X	X	-20°C~800°C
GENERAL			
Display	4,000	4,000	4,000
Sampling Rate	2 times / sec	2 times / sec	2 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication			
Auto Power Off	Approx. 30 minutes	Approx. 30 minutes	Approx. 30 minutes
Operating Temperature	0°C~50°C, ≈80%RH	0°C~50°C, ≈80%RH	0°C~50°C, ≈80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.15x(Spec. Acc) / °C, <18°C, >28°C
Safety	CAT III 600V / CAT II 1000V	CAT III 600V / CAT II 1000V	CAT III 600V / CAT II 1000V
Battery Life: in hours (Alkaline Battery)	450	450	300
Power Requirement	IEC, LR03, AM4 or AAA Size 1.5 x 2	IEC, LR03, AM4 or AAA Size 1.5 x 2	Single 9V Battery (NEDA 1604 or IEC 6F22)
Size: WxLxD	100 x 212 x 50mm	100 x 212 x 50mm	100 x 212 x 50mm
Weight	620g	620g	620g
Included with instrument	Test Leads, Test Clips, Zinc Battery, Protective Holster, Manual	Test Leads, Test Clips, Zinc Battery, Protective Holster, Manual	Test Leads, Test Clips, Temp. Probe, Zinc Battery, Protective Holster, Manual



MAIN APPLICATIONS



502

HIGH PERFORMANCE DIGITAL MULTIMETER

SKU NO: APPA502CBAPC
 UPC CODE: 810053677155
 EAN CODE: 8435394786636

FEATURE

- AC mode with Frequency indication
- True RMS reading on AC and AC+DC mode
- 0.05% DCV accuracy
- Up to 4GΩ Resistance measurement

SPECIFICATIONS

DC Voltage 40mV~1,000V	AC Voltage 40mV~1,000V	DC Current 40mA~10A
AC Current 40mA~10A	OHM 400Ω~4GΩ	Continuity 10Ω~50Ω(Adj)
Diode 2.000V	Frequency 400Hz~100KHz	Capacitance 40nF~40mF
Temperature -200°C~1200°C	Display 4,000/40,000	

CONTENTS

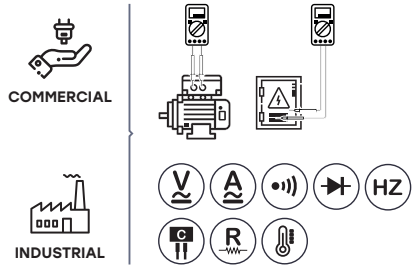
- 95 x 207 x 52mm
630g
- AA size 1.5V x 4 Batteries
NEDA 15A / IEC LR6
- User Manual
- Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster

PACKAGING INFORMATION

- Color Box**
222 x 180 x 65mm
- Carton Box**
561 x 347 x 247mm
- X 15 PCS**



MAIN APPLICATIONS



503

HIGH PERFORMANCE DIGITAL MULTIMETER

SKU NO: APPA503CBAPC
 UPC CODE: 810053677148
 EAN CODE: 8435394786643

FEATURE

- 40,000/4,000 count extra large digital display
- 43 segments analog bar graph
- Auto Backlit, Dual display
- Auto selection on Ohm, Diode or Continuity

SPECIFICATIONS

DC Voltage 40mV~1,000V	AC Voltage 40mV~1,000V	DC Current 40mA~10A
AC Current 40mA~10A	OHM 400Ω~40MΩ	Continuity 10Ω~50Ω(Adj)
Diode 2.000V	Frequency 40Hz~10MHz	Capacitance 4nF~40mF
Temperature -200°C~1200°C	Display 4,000/40,000	

CONTENTS

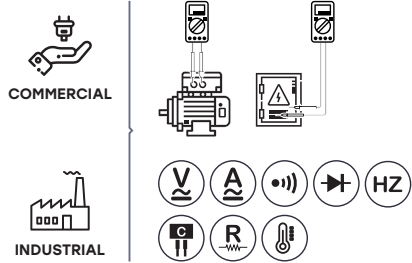
- 95 x 207 x 52mm
630g
- AA size 1.5V x 4 Batteries
NEDA 15A / IEC LR6
- User Manual
- Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster

PACKAGING INFORMATION

- Color Box**
222 x 180 x 65mm
- Carton Box**
561 x 347 x 247mm
- X 15 PCS**



MAIN APPLICATIONS



505

HIGH PERFORMANCE DIGITAL MULTIMETER

SKU NO: APPA505CBAPC
 UPC CODE: 810053677162
 EAN CODE: 8435394786650

FEATURE

- Auto Backlit, Dual display
- Auto AC, DC and AC+DC on Voltage & Current mode with Frequency indication
- Auto selection on Ohm, Diode or Continuity

SPECIFICATIONS

DC Voltage 100mV~1,000V	AC Voltage 100mV~1,000V	DC Current 10mA~10A
AC Current 10mA~10A	OHM 1,000Ω~40MΩ	Continuity 10Ω~50Ω(Adj)
Diode 2.000V	Frequency 40Hz~10MHz	Capacitance 4nF~40mF
Temperature -200°C~1200°C	Display 10,000/100,000	

CONTENTS

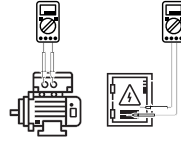
- 95 x 207 x 52mm
630g
- AA size 1.5V x 4 Batteries
NEDA 15A / IEC LR6
- User Manual
- Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster

PACKAGING INFORMATION

- Color Box**
222 x 180 x 65mm
- Carton Box**
561 x 347 x 247mm
- X 15 PCS**



MAIN APPLICATIONS



506

HIGH PERFORMANCE DIGITAL MULTIMETER

SKU NO: APPA506CBAPC
 UPC CODE: 810053677179
 EAN CODE: 8435394786667

FEATURE

- Large white LED backlight display
- Auto Backlit, Dual display
- 0.03% DCV accuracy
- True RMS reading on AC and AC+DC mode

SPECIFICATIONS

DC Voltage 40mV~1,000V	AC Voltage 40mV~1,000V	DC Current 40mA~10A
AC Current 40mA~10A	OHM 400Ω~40MΩ	Continuity 10Ω~50Ω(Adj)
Diode 2.000V	Frequency 400Hz~100KHz	Capacitance 40nF~400uF
Temperature -200°C~1200°C	Display 4,000/40,000	

CONTENTS



95 x 207 x 52mm
630g



AA size 1.5V x 4
Batteries
NEDA 15A / IEC LR6



User Manual



Test Leads,
Alligator Clips,
Temp. Probe,
USB Cable,
Magnetic Hanging Kit,
Alkaline Battery,
Protective Holster

PACKAGING INFORMATION



Color Box
222 x 180 x 65mm



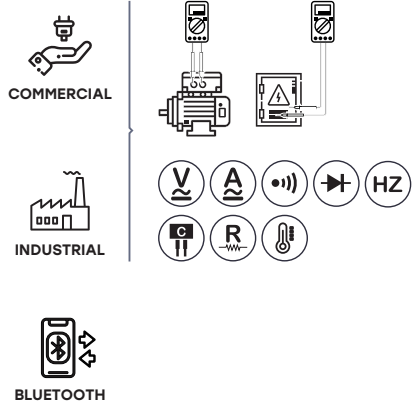
Carton Box
561 x 347 x 247mm



X 15 PCS



MAIN APPLICATIONS



506B

DIGITAL MULTIMETER (BLUETOOTH)

SKU NO: APPA506BCBAPC
 UPC CODE: 810053677186
 EAN CODE: 8435394786674

FEATURE

- Large white LED backlight display
- Auto Backlit, Dual display
- AC, DC and AC+DC on Voltage & Current mode with Frequency indication

SPECIFICATIONS

DC Voltage 40mV~1,000V	AC Voltage 40mV~1,000V	DC Current 40mA~10A
AC Current 40mA~10A	OHM 400Ω~40MΩ	Continuity 10Ω~50Ω(Adj)
Diode 2.000V	Frequency 400Hz~100KHz	Capacitance 40nF~400uF
Temperature -200°C~1200°C	Display 4,000/40,000	

CONTENTS

- 95 x 207 x 52mm
630g
- AA size 1.5V x 4 Batteries
NEDA 15A / IEC LR6
- User Manual
- Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster

PACKAGING INFORMATION

- Color Box**
222 x 180 x 65mm
- Carton Box**
561 x 347 x 247mm
- X 15 PCS**



MAIN APPLICATIONS



R&D



507

HIGH PERFORMANCE PROCESS MULTIMETER

SKU NO: APPA507CBAPC
 UPC CODE: 810053677193
 EAN CODE: 8435394786681

FEATURE

- Auto Backlit, Dual display
- Auto selection on Ohm, Diode or Continuity
- On-Screen-Menu Selection
- Navigator Key Drive

SPECIFICATIONS

DC Voltage 50mV~1,000V	AC Voltage 50mV~1,000V	DC Current 50mA~1A
AC Current 50mA~1A	OHM 500Ω~50MΩ	Continuity <30Ω
Diode 2.000V	Frequency 500Hz~100KHz	Display 50,000

CONTENTS



95 x 207 x 52mm
630g



AA size 1.5V x 4
Batteries
NEDA 15A / IEC LR6



User Manual



ACCESSORIES

Test Leads,
Alligator Clips,
USB Cable,
Magnetic Hanging Kit,
Alkaline Battery,
Protective Holster

PACKAGING INFORMATION






Color Box
222 x 180 x 65mm



Carton Box
561 x 347 x 247mm



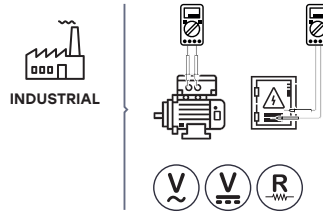
X 15 PCS

MODEL	502	503	505
SPECIFICATIONS			
DCV	40mV~1,000V	40mV~1,000V	100mV~1,000V
ACV	40mV~1,000V	40mV~1,000V	100mV~1,000V
Auto V-Loz	400.0V, 1,000V	X	X
DCA	40mA~10A	40mA~10A	10mA~10A
ACA	40mA~10A	40mA~10A	10mA~10A
OHM	400Ω~4GΩ	400Ω~40MΩ	1,000Ω~40MΩ
Diode Test	2.000V	2.000V	2.000V
Continuity Test	10Ω~50Ω (Adj), 2KHz tone buzzer	10Ω~50Ω (Adj), 2kHz tone buzzer	10Ω~50Ω (Adj), 2kHz tone buzzer
Frequency Counter	400Hz~10KHz	40Hz~10MHz	40Hz~10MHz
Duty Factor	X	20%~80%	20%~80%
Capacitance	40nF~40mF	40nF~40mF	40nF~40mF
Temperature	-200°C~1200°C	-200°C~1200°C	-200°C~1200°C
Source / Simulate Mode	X	X	X
Loop Power Mode	X	X	X
Loop supply	X	X	X
Loop supply (HART)	X	X	X
GENERAL			
Display	4,000 / 40,000	4,000 / 40,000	10,000 / 100,000
Sampling Rate	10 times / sec	3 times / sec	10 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication			
Auto Power Off	1~30 minutes(Adj)	1~60 minutes(Adj)	1~30 minutes(Adj)
Operating Temperature	-10°C~50°C, ≤80%RH	-10°C~50°C, ≤80%RH	-10°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.1x(Spec. Acc) / °C, <18°C, >28°C	0.1x(Spec. Acc) / °C, <18°C, >28°C
Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V
Battery Life: in hours (Alkaline Battery)	50	180	180
Power Requirement	AA size 1.5V x 4 Batteries (NEDA 15A/IEC LR6)	AA size 1.5V x 4 Batteries (NEDA 15A/IEC LR6)	AA size 1.5V x 4 Batteries (NEDA 15A/IEC LR6)
Size: WxLxD	98x197x50mm	95x207x52mm	95x207x52mm
Weight	630g	630g	630g
Included with instrument	Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery Protective Holster	Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster	Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster

MODEL	506	506B	507
SPECIFICATIONS			
DCV	40mV~1,000V	40mV~1,000V	50mV~1,000V
ACV	40mV~1,000V	40mV~1,000V	50mV~1,000V
Auto V-Loz	400.0V, 1,000V	400.0V, 1,000V	X
DCA	40mA~10A	40mA~10A	50mA~1A
ACA	40mA~10A	40mA~10A	50mA~1A
OHM	400Ω~40MΩ	400Ω~40MΩ	500Ω~50MΩ
Diode Test	2.000V	2.000V	2.000V
Continuity Test	10Ω~50Ω(Adj), 2KHz tone buzze	10Ω~50Ω(Adj), 2KHz tone buzze	<30Ω, 2KHz tone buzze
Frequency Counter	400Hz~100KHz	400Hz~100KHz	500Hz~100KHz
Duty Factor	X	X	X
Capacitance	40nF~400uF	40nF~400uF	X
Temperature	-200°C~1200°C	-200°C~1200°C	X
Source / Simulate Mode	X	X	DC 0mA to 24mA, 0.05% of span, 32V Output
Loop Power Mode	X	X	DC 50mA, 32V Output
Loop supply	X	X	30V/I, 25kΩ
Loop supply (HART)	X	X	24V/1kΩ
GENERAL			
Display	4,000 / 40,000	4,000 / 40,000	50,000
Sampling Rate	10 times / sec	10 times / sec	10 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication			
Auto Power Off	1~30 minutes(Adj)	1~30 minutes(Adj)	20 minutes
Operating Temperature	-10°C~50°C, ≤80%RH	-10°C~50°C, ≤80%RH	-10°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.1x(Spec. Acc) / °C, <18°C, >28°C
Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V
Battery Life: in hours (Alkaline Battery)	50	50	100
Power Requirement	AA Size 1.5Vx4 Batteries (NEDA 15A/IEC LR6)	AA Size 1.5Vx4 Batteries (NEDA 15A/IEC LR6)	AA Size 1.5Vx4 Batteries (NEDA 15A/IEC LR6)
Size: WxLxD	95x207x52mm	95x207x52mm	95x207x52mm
Weight	630g	630g	630g
Included with instrument	Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster	Test Leads, Alligator Clips, Temp. Probe, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster	Test Leads, Alligator Clips, USB Cable, Magnetic Hanging Kit, Alkaline Battery, Protective Holster



MAIN APPLICATIONS



603 NEW

INSULATION TESTER & MULTIMETER

SKU NO: APPA603CBAPC
 UPC CODE: 810053677223
 EAN CODE: 8435394786711

FEATURE

- Insulation test
- Earth bond Resistance (Continuity)
- 600V DC & AC (TRMS) measurement
- COMPARE (Pass/Fail) Function

SPECIFICATIONS

DC Voltage 600.0V	AC Voltage 600.0V	Display 4,000
OHM / Earth Bond Resistance 40.00Ω~40.00kΩ		
Insulation Resistance 250V, 500V, 1,000V		

CONTENTS

95 x 200 x 51mm
680g

AA size 1.5V x 4
Batteries
NEDA 15A / IEC LR6

User Manual

Test Leads,
Alligator Clips,
Magnetic Hanging Kit,
Alkaline Battery,
Protective Holster

PACKAGING INFORMATION

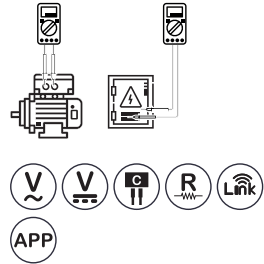
Color Box
222 x 200 x 65mm

Carton Box
635 x 356 x 247mm

X 15 PCS



MAIN APPLICATIONS



606

NEW

INSULATION TESTER & MULTIMETER

SKU NO: APPA606CBAPC
 UPC CODE: 810053677247
 EAN CODE: 8435394786735

FEATURE

- Earth bond Resistance (Continuity)
- 600V DC & AC (TRMS) measurement
- 0.1nF to 10µF Capacitance measurement
- COMPARE (Pass/Fail) Function

SPECIFICATIONS

DC Voltage
600.0V

AC Voltage
600.0V

Display
4,000

OHM / Earth Bond Resistance
40.00Ω~40.00kΩ

Insulation Resistance
50V, 100V, 250V, 500V, 1,000V

CONTENTS



95 x 200 x 51mm
680g



AA size 1.5V x 4
Batteries
NEDA 15A / IEC LR6



User Manual



ACCESSORIES

Remote Probe,
Test Leads,
Alligator Clips,
Magnetic Hanging Kit,
Alkaline Battery,
Protective Holster

PACKAGING INFORMATION



Color Box
222 x 200 x 65mm



Carton Box
635 x 356 x 247mm



X 15 PCS



605

INSULATION RESISTANCE TESTER

SKU NO: APPA605CBAPC
 UPC CODE: 810053677230
 EAN CODE: 8435394786728

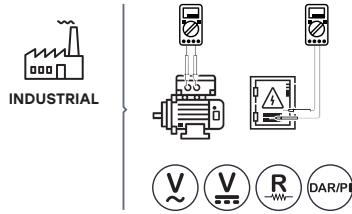
FEATURE

- Simple, Smart and Powerful
- Innovative Insulation Resistance Tester
- Insulation test range: 0.01MΩ to 20GΩ
- Auto Backlit, Dual display

SPECIFICATIONS

DC Voltage 600.0V	AC Voltage 600.0V	Display 4,000
OHM / Earth Bond Resistance 40.00Ω~40.00kΩ		
Insulation Test Voltage 50V, 100V, 250V, 500V, 1,000V		

MAIN APPLICATIONS



CONTENTS

- 95 x 200 x 51mm
630g
- AA size 1.5V x 4
Batteries
NEDA 15A / IEC LR6

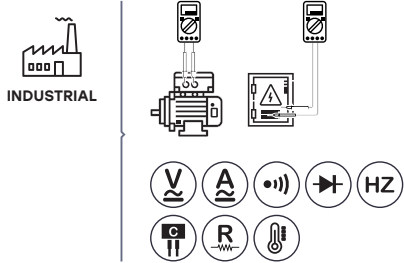
- User Manual
- Remote Probe,
Test Leads,
Alligator Clips,
Magnetic Hanging Kit,
Alkaline Battery,
Protective Holster

PACKAGING INFORMATION

- Color Box**
222 x 200 x 65mm
- Carton Box**
635 x 356 x 247mm
- X 15 PCS**



MAIN APPLICATIONS



607

INSULATION MULTIMETER

SKU NO: APPA607CBAPC
 UPC CODE: 810053677254
 EAN CODE: 8435394786742

FEATURE

- Simple, Smart and Powerful
- Innovative Insulation Resistance Tester
- Insulation test range: 0.001MΩ to 22GΩ
- Auto Backlit, Dual display

SPECIFICATIONS

DC Voltage 100mV~1,000V	AC Voltage 100mV~1,000V	DC Current 100mA, 400mA
AC Current 100mA, 400mA	Resistance 0.001MΩ~22GΩ	Continuity <30Ω
Diode 2.000V	Frequency 10.00Hz~100KHz	Capacitance 10.00nF~40.00mF
Temperature -200°C~1200°C	Display 10,000	

CONTENTS

- 95 x 200 x 51mm
630g
- AA size 1.5V x 4
Batteries
NEDA 15A / IEC LR6
- User Manual
- Remote Probe,
Test Leads,
Alligator Clips,
Magnetic Hanging Kit,
Temp. Probe,
Alkaline Battery,
Protective Holster

PACKAGING INFORMATION

- Color Box**
222 x 200 x 65mm
- Carton Box**
635 x 356 x 247mm
- X 15 PCS**

MODEL	603	605	606	607
SPECIFICATIONS				
DCV	600.0V	600.0V	600.0V	100.00mV~1,000.0V
ACV	600.0V	600.0V	600.0V	100.00mV~1,000.0V
DCA	X	X	X	100.00mA~400.0mA
ACA	X	X	X	100.00mA~400.0mA
OHM / Earth Bond Resistance	40.00Ω~40.00KΩ	40.00Ω~40.00kΩ	40.00Ω~40.00kΩ	1,000.0Ω~40.00MΩ
Continuity Beeper	X	X	X	<30Ω, 2KHz tone buzze
Diode Test	X	X	X	2.000V
Insulation Resistance	400.0kΩ~20GΩ	0.001MΩ~20GΩ	400.0kΩ~200GΩ	0.001MΩ~22GΩ
Insulation Test Voltage	250V, 500V, 1,000V	50V, 100V, 250V, 500V, 1,000V	50V, 100V, 250V, 500V, 1,000V	50V, 100V, 250V, 500V, 1,000V
Frequency Counter	100.0Hz~1,000Hz	X	100.0Hz~1,000Hz	10.00Hz~100KHz
Capacitance	X	X	100.0nF~10.00uF	10.000nF~40.00mF
Temperature	X	X	X	-200°C~1200.0°C
GENERAL				
Display	4,000	4,000	4,000	10,000
Sampling Rate	3 times / sec	3 times / sec	3 times / sec	6 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication				
Auto Power Off	Approx. 20mins	Approx. 20mins	Approx. 20mins	Approx. 20mins
Operating Temperature	-10°C~50°C, ≤80%RH	-10°C~50°C, ≤80%RH	-10°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.15x(Spec. Acc) / °C, <18°C, >28°C
Safety	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V CAT III 1000V
Battery Life: in hours (Alkaline Battery)	50	50	50	80
Power Requirement	4x1.5V Batteries (NEDA 15A / IEC LR6)	4x1.5V Batteries (NEDA 15A / IEC LR6)	4x1.5V Batteries (NEDA 15A / IEC LR6)	2x1.5V Batteries (NEDA 15A / IEC LR6)
Size: WxLxD	95x200x51mm	95x200x51mm	95x200x51mm	95x200x51mm
Weight	680g	630g	680g	630g
Included with instrument	Test Leads, Alligator Clips, Magnetic Hanging Kit, Alkaline Battery, Protective Holster	Remote Probe, Test Leads, Alligator Clips, Magnetic Hanging Kit, Alkaline Battery, Protective Holster	Remote Probe, Test Leads, Alligator Clips, Magnetic Hanging Kit, Alkaline Battery, Protective Holster	Remote Probe, Test Leads, Alligator Clips, Magnetic Hanging Kit, Temp. Probe, Alkaline Battery, Protective Holster



707

TWEEZER LCR METER

SKU NO: APPA707CBAPC
 UPC CODE: 810053677322
 EAN CODE: 8435394786810

FEATURE

- Auto Selection of LCR Testing
- 0.5% basic accuracy Capacitance and Inductance
- Measurement Parameters: L.C.R.D.Q.θ,DCR

SPECIFICATIONS

Inductance 20μH~2,000mH	Capacitance 200pF~200μF	Resistance 20Ω~200MΩ
DC Resistance 200Ω~200MΩ	Q 2.000~2,000	D 2.000~2,000
θ ±90°	Display 20,000	

MAIN APPLICATIONS



R&D



CONTENTS



38 x 168 x 23mm
70g



Li-ion 400mAh
Battery / Ext. DC 5V
mini-USB plug



User Manual



ACCESSORIES

Li-ion Battery,
Flat Tip, Bend Tip,
Carrying pouch,
AC Adapter,
USB Cable

PACKAGING INFORMATION



Color Box
196 x 180 x 60mm



Carton Box
561 x 321 x 220mm

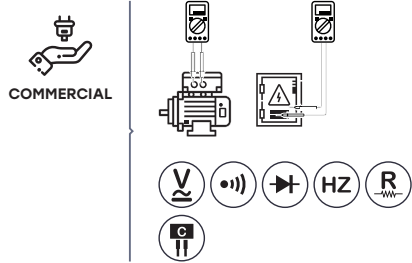


X 15 PCS


MODEL	703	707
SPECIFICATIONS		
Inductance	20 μ H~20KH	20 μ H~2,000mH
Capacitance	20pF~20mF	200pF~200 μ F
Resistance	20 Ω ~200M Ω	20 Ω ~200M Ω
DC Resistance	200 Ω ~200M Ω	200 Ω ~200M Ω
Q	0.000~2,000	2.000~2,000
D	0.000~2,000	2.000~2,000
θ	$\pm 90^\circ$	$\pm 90^\circ$
GENERAL		
Sampling Rate	1.25 times / sec	1.25 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication		
Auto Power Off	Approx. 10minutes	Approx. 10minutes
Operating Temperature	0°C~50°C, $\leq 80\%$ RH	0°C~50°C, $\leq 80\%$ RH
Storage Temperature	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.15x(Spec. Acc) / °C, <18°C or >28°C	0.15x(Spec. Acc) / °C, <18°C or >28°C
Battery Life: In hours (Alkaline Battery)	80	20
Power Requirement	AA size 1.5V x 4 Batteries (NEDA 15A or IEC LR6)	Li-ion 400mAh Battery or Ext. DC 5V mini-USB plug
Size: WxLxD	95x200x51.2mm	38x168x23mm
Weight	630g	70g
Included with instrument	Alligator Clips, Shorting Bar, Magnetic Hanging Kit, Alkaline Battery, Manual, 4 wires SMD Clip, AC Adapter, USB Cable	Li-ion Battery, Flat Tip, Manual, Carrying pouch, Bend Tip, AC Adapter, USB Cable





MAIN APPLICATIONS




CONTENTS

- 


68 x 138 x 30mm
200g
- 


IEC LR03, AM4 or
AAA size 1.5V x 2
- 


User Manual
- 

Test Leads,
Zinc Battery

PACKAGING INFORMATION

- 

Color Box
196 x 140 x 60mm
- 

Carton Box
447 x 330 x 220mm
- 

X 15 PCS

M1

POCKET-SIZE TRUE RMS MULTIMETER

SKU NO: APPAM1CBAPC
 UPC CODE: 810053677506
 EAN CODE: 8435394786995

FEATURE

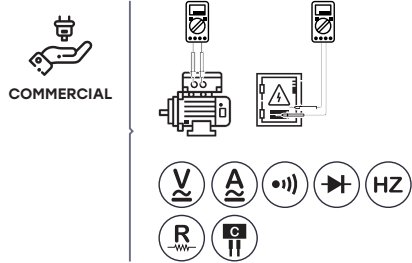
- 6,000 Count digital display
- Auto Ranging
- True RMS on ACV
- 0.5% DCV accuracy

SPECIFICATIONS

DC Voltage 6.000V, 60.00V, 600.0V	OHM 600.0Ω~40.00MΩ
AC Voltage 600.0mV, 6.000V, 60.00V, 600.0V	Continuity <30Ω
Capacitance 50.0nF~1,000μF	Diode 1.500V
Frequency 100.00Hz~50.00KHz	Display 6,000



MAIN APPLICATIONS



M2

POCKET-SIZE TRUE RMS MULTIMETER

SKU NO: APPAM2CBAPC
 UPC CODE: 810053677513
 EAN CODE: 8435394787008

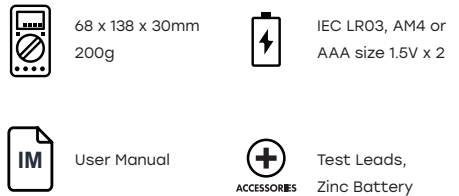
FEATURE

- 6,000 Count digital display
- Auto Ranging
- True RMS on ACV
- True RMS on ACA

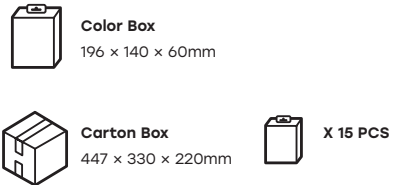
SPECIFICATIONS

DC Voltage 6.000V, 60.00V, 600.0V	DC Current 6.000A, 10.00A
AC Voltage 600.0mV, 6.000V, 60.00V, 600.0V	AC Current 6.000A, 10.00A
Capacitance 50.00nF~1,000µF	OHM 600.0Ω~40.00MΩ
Frequency 100.00Hz~50.00KHz	Continuity <30Ω

CONTENTS

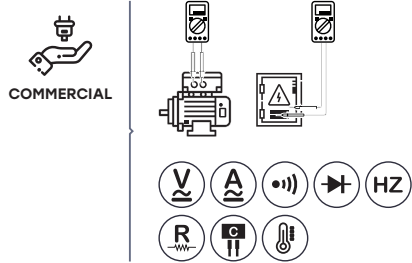


PACKAGING INFORMATION





MAIN APPLICATIONS



M3

POCKET-SIZE TRUE RMS MULTIMETER

SKU NO: APPAM3CBAPC
 UPC CODE: 810053677520
 EAN CODE: 8435394787015

FEATURE

- 6,000 Count digital display
- Auto Ranging
- True RMS on ACV
- True RMS on ACA

SPECIFICATIONS

DC Voltage 6.000V, 60.00V, 600.0V	DC Current 6.000A, 10.00A
AC Voltage 600.0mV, 6.000V, 60.00V, 600.0V	AC Current 6.000A, 10.00A
Frequency 100.00Hz~50.00KHz	OHM 600.0Ω~40.00MΩ
Temperature -40°C~400°C / -40°F~752°F	Display 6,000

CONTENTS

- 68 x 138 x 30mm
370g
- IEC LR03, AM4 or
AAA size 1.5V x 2
- User Manual
- Test Leads,
Zinc Battery,
Protective Holster,
Temp. Probe

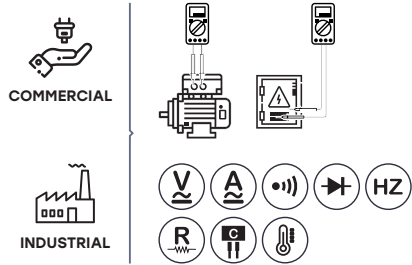
PACKAGING INFORMATION

- Color Box**
196 x 140 x 60mm
- Carton Box**
447 x 330 x 220mm
- X 15 PCS**

MODEL	M1	M2	M3
SPECIFICATIONS			
DCV	6.000V, 60.00V, 600.0V	6.000V, 60.00V, 600.0V	6.000V, 60.00V, 600.0V
ACV	600.0mV, 6.000V, 60.00V, 600.0V	600.0mV, 6.000V, 60.00V, 600.0V	600.0mV, 6.000V, 60.00V, 600.0V
DCmV	600.0mV	600.0mV	600.0mV
DCμA	X	400.0 μ A, 4,000 μ A	400.0 μ A, 4,000 μ A
DCA	X	6.000A, 10.00A	6.000A, 10.00A
ACA	X	6.000A, 10.00A	6.000A, 10.00A
OHM	600.0 Ω ~40.00M Ω	600.0 Ω ~40.00M Ω	600.0 Ω ~40.00M Ω
Continuity Beeper	<30 Ω , 2.7KHz tone buzzer	<30 Ω , 2.7KHz tone buzzer	<30 Ω , 2.7KHz tone buzzer
Diode Test	1.500V	1.500V	1.500V
Frequency Counter	100.00Hz~50.00KHz	100.00Hz~50.00KHz	100.00Hz~50.00KHz
Capacitance	50.00nF~1,000 μ F	50.00nF~1,000 μ F	50.00nF~1,000 μ F
Temperature	X	X	-40°C~400°C -40°F~752°F
GENERAL			
Display	6,000	6,000	6,000
Sampling Rate	3 times / sec	3 times / sec	3 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication			
Auto Power Off	Approx. 20mins	Approx. 20mins	Approx. 20mins
Operating Temperature	0°C~50°C, \approx 80%RH	0°C~50°C, \approx 80%RH	0°C~50°C, \approx 80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.1x(Spec. Acc) / °C, <18°C or >28°C	0.1x(Spec. Acc) / °C, <18°C or >28°C	0.1x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT III 600V	CAT III 600V	CAT III 600V
Battery Life: in hours (Alkaline Battery)	360	360	360
Power Requirement	IEC LR03, AM4 or AAA size 1.5V x 2	IEC LR03, AM4 or AAA size 1.5V x 2	IEC LR03, AM4 or AAA size 1.5V x 2
Size: WxLxD	68x138x30mm	68x138x30mm	68x138x30mm
Weight	200g	200g	370g
Included with instrument	Test Leads, Zinc Battery, Manual	Test Leads, Zinc Battery, Manual	Test Leads, Zinc Battery, Protective Holster, Manual, Temp. Probe



MAIN APPLICATIONS



CONTENTS

- 74 x 156 x 44mm
250g
- Single 9V Battery
NEDA 1604A / IEC 6LF22
- User Manual
- Test Leads,
Zinc Battery,
Protective Holster,
Temp. Probe

PACKAGING INFORMATION

- Color Box**
196 x 180 x 60mm
- Carton Box**
561 x 321 x 220mm
- X 15 PCS**

P2

TRUE-RMS MULTIMETER FOR HVAC TROUBLESHOOTING

SKU NO: APPAP2CBAPC
 UPC CODE: 810053677551
 EAN CODE: 8435394787046

FEATURE

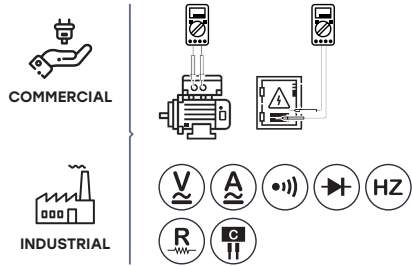
- Large white LED backlight display
- True-RMS Multimeter for HVAC troubleshooting
- LoZ for prevent false reading from ghost voltage

SPECIFICATIONS

DC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	OHM 600.0Ω~40.00MΩ
AC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	Continuity <20Ω
Frequency 100.00Hz~100.00KHz	Diode 1.500V
Temperature -40°C~400°C / -40°F~752°F	Capacitance 1.000μF~10.00mF



MAIN APPLICATIONS



CONTENTS

- 74 x 156 x 44mm
250g
- Single 9V Battery
NEDA 1604A /
IEC 6LF22
- User Manual
- Test Leads,
Zinc Battery,
Protective Holster

PACKAGING INFORMATION

- Color Box**
196 x 180 x 60mm
- Carton Box**
561 x 321 x 220mm
- X 15 PCS**

P3

INDUSTRIAL AND COMMERCIAL MULTIMETER

SKU NO: APPAP3CBAPC
 UPC CODE: 810053677568
 EAN CODE: 8435394787053

FEATURE

- Large white LED backlight display
- True RMS measurements on ACV/ACA
- LoZ for prevent false reading from ghost voltage

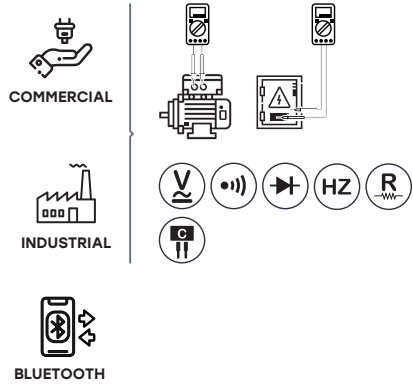
SPECIFICATIONS

DC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	DC Current 6.000A, 10.00A	
AC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	AC Current 6.000A, 10.00A	
OHM 600.0Ω~40.00MΩ	Frequency 100.00Hz~100.00KHz	
Continuity <20Ω	Diode 1.500V	Capacitance 1.000μF~10.00mF

MODEL	P2	P3
SPECIFICATIONS		
DCV	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V
ACV	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V
Auto-V LoZ	600.0V, 1,000V	600.0V, 1,000V
DCμA	600.0 μ A	X
ACμA	600.0 μ A	X
DCA	X	6.000A, 10.00A
ACA	X	6.000A, 10.00A
OHM	600.0 Ω ~40.00M Ω	600.0 Ω ~40.00M Ω
Continuity Beeper	<20 Ω , 2KHz tone buzzer	<20 Ω , 2KHz tone buzzer
Diode Test	1.500V	1.500V
Frequency Counter	100.00Hz~100.00KHz	100.00Hz~100.00KHz
Capacitance	1.000 μ F~10.00mF	1.000 μ F~10.00mF
Temperature	-40°C~400°C / -40°F~752°F	X
GENERAL		
Display	6,000	6,000
Sampling Rate	3 times / sec	3 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication		
Auto Power Off	Approx. 20mins	Approx. 20mins
Operating Temperature	-10°C~50°C, \approx 80%RH	-10°C~50°C, \approx 80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.1x(Spec. Acc) / °C, <18°C or >28°C	0.1x(Spec. Acc) / °C, <18°C or >28°C
Safety	CAT IV 600V / CAT III 1000V	CAT IV 600V / CAT III 1000V
Battery Life: in hours (Alkaline Battery)	300	300
Power Requirement	Single 9V Battery (NEDA 1604A / IEC 6LF22)	Single 9V Battery (NEDA 1604A / IEC 6LF22)
Size: WxLxD	74x156x44mm	74x156x44mm
Weight	250g	250g
Included with instrument	Test Leads, Zinc Battery, Manual, Protective Holster, Temp. Probe	Test Leads, Zinc Battery, Manual Protective Holster



MAIN APPLICATIONS



S0

ALL NEW DESIGNED BLUETOOTH DMM

SKU NO: APPASOCBAPC
 UPC CODE: 810053677575
 EAN CODE: 8435394787060

FEATURE

- Large white LED backlight display
- True RMS measurements on ACV
- 0.5% DCV accuracy
- Capacitance Measurement

SPECIFICATIONS

DC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	OHM 600.0Ω~40.00MΩ
AC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	Continuity <20Ω
Diode 1.500V	Frequency 100.00Hz~100.00KHz
Capacitance 1.000μF~10.00mF	Display 6,000

CONTENTS

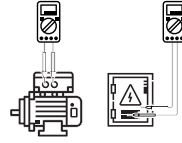
- 74 x 156 x 44mm
430g
- 2 x 1.5V Batteries
NEDA 15A / IEC LR6
- User Manual
- Test Leads,
Zinc Battery,
Protective Holster

PACKAGING INFORMATION

- Color Box
196 x 180 x 60mm
- Carton Box
561 x 321 x 220mm
- X 15 PCS



MAIN APPLICATIONS



S1

ALL NEW DESIGNED BLUETOOTH INDUSTRIAL DMM

SKU NO: APPAS1CBAPC
 UPC CODE: 810053677582
 EAN CODE: 8435394787077

FEATURE

- Large white LED backlight display
- True RMS measurements on ACV/ACA
- 0.5% DCV accuracy
- 10A ACA / DCA

SPECIFICATIONS

DC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	DC Current 6.000A, 10.00A
AC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	AC Current 6.000A, 10.00A
OHM 600.0Ω~40.00MΩ	Diode 1.500V
Continuity <20Ω	Capacitance 1.000μF~10.00mF
Frequency 100.00Hz~100.00KHz	

CONTENTS



74 x 156 x 44mm
430g



2 x 1.5V Batteries
NEDA 15A / IEC LR6



User Manual



ACCESSORIES

Test Leads,
Zinc Battery,
Protective Holster

PACKAGING INFORMATION



Color Box
196 x 180 x 60mm



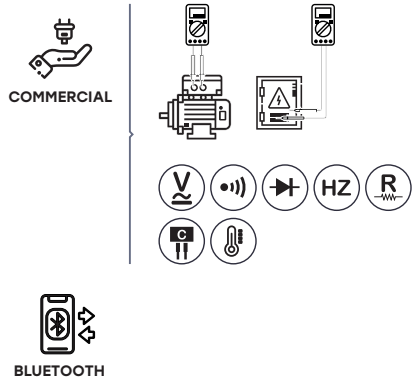
Carton Box
561 x 321 x 220mm



X 15 PCS



MAIN APPLICATIONS



S2

ALL NEW DESIGNED BLUETOOTH HVAC DMM

SKU NO: APPAS2CBAPC
 UPC CODE: 810053677599
 EAN CODE: 8435394787084

FEATURE

- High-Frequency Rejection
- Data Logging / Manual Save up to 4,000 records
- Loz for preventing false reading from ghost voltage

SPECIFICATIONS

DC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	OHM 600.0Ω~40.00MΩ
AC Voltage 600.0mV,6.000V,60.00V,600.0V,1,000V	Continuity <20Ω
Diode 1.500V	Frequency 100.00Hz~100.00KHz
Capacitance 1.000μF~10.00mF	Temperature -40°C~400°C / -40°F~752°F

CONTENTS

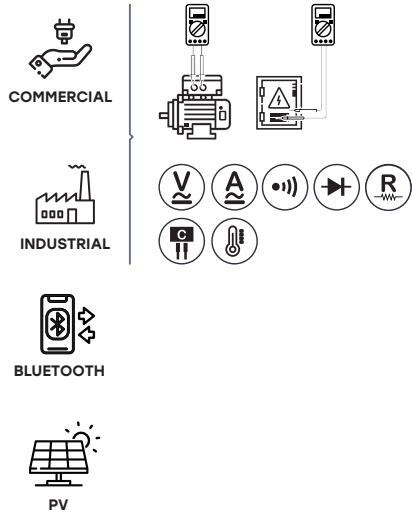
- 74 x 156 x 44mm
430g
- 2 x 1.5V Batteries
NEDA 15A / IEC LR6
- User Manual
- Test Leads, Zinc Battery, Protective Holster, Temp. Probe

PACKAGING INFORMATION

- Color Box**
196 x 180 x 60mm
- Carton Box**
561 x 321 x 220mm
- X 15 PCS



MAIN APPLICATIONS



S3

ALL NEW DESIGNED BLUETOOTH SOLAR PV DMM

SKU NO: APPAS3CBAPC
 UPC CODE: 810053677605
 EAN CODE: 8435394787091

FEATURE

- Industrial, HVAC & Solar PV Application
- 2,000VDC measurement for Photovoltaic output
- High Frequency Rejection
- Data Logging / Manual Save up to 4,000 records

SPECIFICATIONS

DC Voltage 600.0mV,6,000V,60.00V,600.0V,1,000V		PV DC Voltage 600.0V, 2,000V
AC Voltage 600.0mV,6,000V,60.00V,600.0V,1,000V		PV AC Voltage 600.0V,1500V
DC Current 6.000A, 10.00A	AC Current 40mA~10A	OHM 600.0Ω~40.00MΩ
Temperature -40°C~400°C / -40°F~752°F		

CONTENTS

- 74 x 156 x 44mm 430g
- 2 x 1.5V Batteries NEDA 15A / IEC LR6
- User Manual
- Test Leads, Zinc Battery, Protective Holster, Temp. Probe, PV Test Leads

PACKAGING INFORMATION

- Color Box** 196 x 180 x 60mm
- Carton Box** 561 x 321 x 220mm
- X 15 PCS**

MODEL	S0	S1	S2	S3
SPECIFICATIONS				
DCV	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V
ACV	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V	600.0mV, 6.000V, 60.00V, 600.0V, 1,000V
PV DCV	X	X	X	600.0V, 2,000V
PV ACV	X	X	X	600.0V, 1500V
Auto-V LoZ	600.0V, 1,000V	600.0V, 1,000V	600.0V, 1,000V	X
DCμA	X	X	600.0 μ A, 6.00mA, 60.00mA, 4.00mA	X
ACμA	X	X	600.0 μ A, 6.00mA, 60.00mA, 4.00mA	X
DCA	X	6.000A, 10.00A	X	6.000A, 10.00A
ACA	X	6.000A, 10.00A	X	40mA-10A
OHM	600.0 Ω -40.00M Ω	600.0 Ω -40.00M Ω	600.0 Ω -40.00M Ω	600.0 Ω -40.00M Ω
Diode Test	1.500V	1.500V	1.500V	1.500V
Continuity Test	<20 Ω , 2.7KHz tone buzzer	<20 Ω , 2.7KHz tone buzzer	<20 Ω , 2.7KHz tone buzzer	<20 Ω , 2.7KHz tone buzzer
Frequency Counter	100.00Hz-100.00KHz	100.00Hz-100.00KHz	100.00Hz-100.00KHz	100Hz-100KHz
Capacitance	1.000 μ F-10.00mF	1.000 μ F-10.00mF	1.000 μ F-10.00mF	1.000 μ F-10.00mF
Temperature	X	X	-40°C-400°C -40°F-752°F	-40°C-400°C -40°F-752°F
GENERAL				
Display	6,000	6,000	6,000	6,000
Sampling Rate	3 times / sec	3 times / sec	3 times / sec	3 times / sec
Overload Indication	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
Low Battery Indication				
Auto Power Off	Approx. 20mins	Approx. 20mins	Approx. 20mins	Approx. 20mins
Operating Temperature	-10°C-50°C, \leq 80%RH	-10°C-50°C, \leq 80%RH	-10°C-50°C, \leq 80%RH	-10°C-50°C, \leq 80%RH
Storage Temperature	-20°C-60°C	-20°C-60°C	-20°C-60°C	-20°C-60°C
Temperature Coefficient	0.1x(Spec. Acc) / °C, <18°C, >28°C	0.1x(Spec. Acc) / °C, <18°C, >28°C	0.1x(Spec. Acc) / °C, <18°C, >28°C	0.1x(Spec. Acc) / °C, <18°C, >28°C
Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V
Battery Life: in hours (Alkaline Battery)	300	300	300	300
Power Requirement	2 x 1.5V Batteries (NEDA 15A / IEC LR6)	2 x 1.5V Batteries (NEDA 15A / IEC LR6)	2 x 1.5V Batteries (NEDA 15A / IEC LR6)	2 x 1.5V Batteries (NEDA 15A / IEC LR6)
Size: WxLxD	74x156x44mm	74x156x44mm	74x156x44mm	74x156x44mm
Weight	430g	430g	430g	430g
Included with instrument	Test Leads, Zinc Battery, Protective Holster, Manual	Test Leads, Zinc Battery, Protective Holster, Manual	Test Leads, Zinc Battery, Manual, Protective Holster, Temp. Probe	Test Leads, Zinc Battery, Manual, Protective Holster, Temp. Probe, PV Test Leads



iMeter5

CARD TYPE MULTIMETERS

SKU NO: APPAiMETER5CBAPC
 UPC CODE: 810053677483
 EAN CODE: 8435394786971

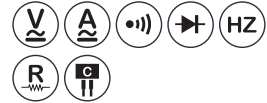
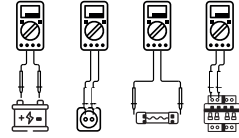
FEATURE

- 4,000 count with large scale display
- 0.6% basic DCV accuracy
- Auto ranging and Manual Selection
- Auto AC/DC Voltage selection

SPECIFICATIONS

DC Voltage 400.0mV~600V	AC Voltage 400.0mV~600V	DC Current 400.0uA, 4,000uA
AC Current 400.0uA, 4,000uA	OHM 400.0Ω~40.00MΩ	Continuity <50Ω
Diode 1.5V	Frequency 40Hz~40KHz	Capacitance 4nF~400uF
Display 4,000		

MAIN APPLICATIONS



CONTENTS



56 x 112 x 12mm
115g



LR44 Button size
1.5V x 2 Batteries



User Manual



ACCESSORIES

Carrying wallet,
Test leads,
Button size Battery

PACKAGING INFORMATION




Color Box
130 x 95 x 35mm



Carton Box
510 x 320 x 154mm



X 40 PCS

MODEL	iMeter 5
SPECIFICATIONS	
DCV	400.0mV~600V
ACV	400.0mV~600V
DCA	400.0uA, 4,000uA
ACA	400.0uA, 4,000uA
OHM	400.0Ω ~ 40.00MΩ
Continuity	<50Ω, 2.7KHz tone buzzer
Diode Test	1.5V
Frequency Counter	40Hz~40KHz
Duty Factor	0.1%~99.9%
Capacitance	40nF~400uF
GENERAL	
Display	4,000
Sampling Rate	3 times / sec
Overload Indication	"OL" or "-OL"
Low Battery Indication	
Auto Power Off	Approx. 20 min.
Operating Temperature	0°C~50°C, ≈80%RH
Storage Temperature	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C, <18 °C, >28 °C
Safety	CAT II 600V / CAT III 300V
Battery Life: in hours (Alkaline Battery)	50
Power Requirement	LR44 Button size 1.5Vx2 Battery
Size: WxLxD	56x112x12mm
Weight	115g
Included with instrument	Deluxe Carrying Wallet, Test Leads, Button Size Battery, Manual

SPECIAL APPLICATION



PEN TYPE VOLTAGE TESTER /
VOLTAGE TESTERS /
TRUE RMS ELECTRICAL TESTER /
THERMOMETERS /
VERSAMETER



VP-1

VOLTAGE TESTER

SKU NO	APPAVP-1USCBAPC	APPAVP-1EUCBAPC
UPC CODE	810053677650	-
EAN CODE	-	8435394787169

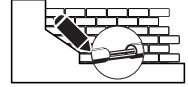
FEATURE

- Expand range: 100V~1,000V AC depend on NA or EU models
- Flashing and beeping once a live cable was detecte

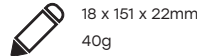
SPECIFICATIONS

AC Voltage	Frequency
100V~1,000V / 200V~1,000V	45~65Hz

MAIN APPLICATIONS



CONTENTS



IEC LR03, AM4 or AAA size 1.5V x 2



User Manual

PACKAGING INFORMATION



Color Box
184 x 82 x 40mm



Carton Box
358 x 220 x 207mm



X 20 PCS



VP-2

VOLTAGE TESTER

SKU NO	APPAVP-2USCBAPC	APPAVP-2EUCBAPC
UPC CODE	810053677667	-
EAN CODE	-	8435394787176

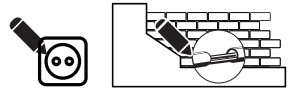
FEATURE

- Expand range: 100V~1,000V AC depend on NA or EU models
- Phase sequence indication and conformity phase test

SPECIFICATIONS

AC Voltage 100V~1,000V	Frequency 45~65Hz
Protection category IP 53	

MAIN APPLICATIONS



CONTENTS

- 20.6 x 151 x 25.2mm
40g
- IEC LR03, AM4 or
AAA size 1.5V x 2
- User Manual

PACKAGING INFORMATION

- Color Box**
184 x 82 x 40mm
- Carton Box**
358 x 220 x 207mm
- X 20 PCS**

MODEL	VP-1	VP-2
SPECIFICATIONS		
Voltage sensing ranges	100V~1,000V AC	100V~1,000V AC
Detection tip style	Blade or round, depend on models	Blade or round depend on models
Frequency	45~65 Hz	45~65 Hz
Light Source	One high intensity red LED	One high intensity red LED
Protection category	X	IP 53
GENERAL		
Auto Power Off	X	Approx. 5 min
Operating Temperature	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C
Safety	CAT IV 600V / CAT III 1000V	CAT IV 600V / CAT III 1000V
Power Requirement	IEC LR03, AM4 or AAA size 1.5V x 2	IEC LR03 AM4 or AAAsize 1.5Vx2
Size: WxLxD	18x151x22mm	20.6x151x25.2mm
Weight	40g	40g



VT-A

ALL IN ONE TRUE RMS ELECTRICAL TESTER

SKU NO: APPAVT-ACBAPC
 UPC CODE: 810053677674
 EAN CODE: 8435394787183

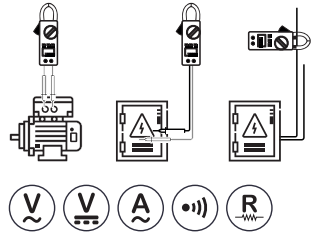
FEATURE

- Voltage measurement without Battery
- 9999 Count digital display with Bright LED Bargraph
- Detachable test probe for easy replacement
- True RMS on ACV / ACA

SPECIFICATIONS

DC Voltage 7V~1,000V w/ Battery / 35V~1,000V w/o Battery		
AC Voltage 6V~1,000V w/ Battery / 45V~1,000V w/o Battery		
AC Current 0.1A~200.0A	OHM 50kΩ	Display 9999
Single Pole Test 90V~1,000V		

MAIN APPLICATIONS



CONTENTS



57 x 220 x 35mm
240g



1.5V (AAA) x 2
Batteries



User Manual



ACCESSORIES

Test Leads,
Zinc Battery

PACKAGING INFORMATION



Color Box
270 x 122 x 85mm



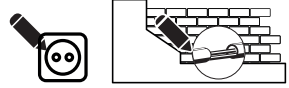
Carton Box
512 x 452 x 297mm



X 20 PCS



MAIN APPLICATIONS



VT-B

VOLTAGE TESTER

SKU NO: APPAVT-BCBAPC
 UPC CODE: 810053677681
 EAN CODE: 8435394787190

FEATURE

- Integrated single pole test for phase detection
- Rotary field indication
- Continuity Beeper
- Ultra bright white LED Torch

SPECIFICATIONS

DC Voltage 750V	AC Voltage 750V	Continuity <600KΩ
Single Phase Test 100V~750V AC	Rotary Field Indication 100V~750V AC	

CONTENTS

- 68 x 239 x 29mm
220g
- AAA size 1.5V x 2
Batteries (IEC LR03)
- User Manual
- Zinc Battery
ACCESSORIES

PACKAGING INFORMATION

- Color Box**
267 x 115 x 45mm
- Carton Box**
494 x 205 x 290mm
- X 20 PCS**



VT-S

VOLTAGE TESTER

SKU NO: APPAVT-SCBAPC
 UPC CODE: 810053677698
 EAN CODE: 8435394787206

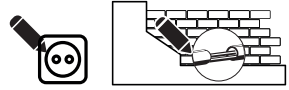
FEATURE

- 2 pole tester with 2,000 count digital display
- IP65-water-jet and dust-tight protection for outdoor use
- Integrated single pole test for phase detection

SPECIFICATIONS

DC Voltage 12V~750V	AC Voltage 1V~750V	OHM 2,000Ω
Phase Rotation Indication 100V~750V AC	Continuity <200Ω	
Single Pole Test 100V~750V AC	Frequency 1Hz~999Hz	
Display 2,000		

MAIN APPLICATIONS



CONTENTS



68 x 239 x 29mm
235g



AAA size 1.5V x 2
Batteries (IEC LR03)



User Manual



Zinc Battery

ACCESSORIES

PACKAGING INFORMATION



Color Box
267 x 115 x 45mm



Carton Box
494 x 205 x 290mm

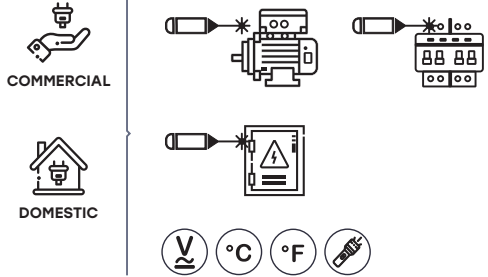


X 20 PCS

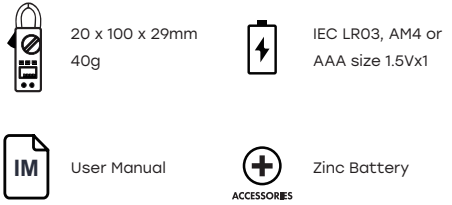
MODEL	VT-A	VT-B	VT-S
SPECIFICATIONS			
DCV	7V~1,000V w/ Battery 35V~1,000V w/o Battery	12,24,50,120,230,400,750V	2V~750V / -1V~-750V
ACV	6V~1,000V w/ Battery 45V~1,000V w/o Battery	12,24,50,120,230,400,750V	1V~750V
ACA	0.1A~200.0A	X	X
OHM	50K Ω	X	0 Ω ~2,000 Ω
Continuity Beeper	<1.8K Ω , 2.7KHz tone buzzer	<600K Ω	<200 Ω
Diode Test	X	X	1.8V
Frequency Counter	X	X	1Hz~999Hz
Single Phase Test	100V~1,000V	100V~750V	100V~750V
Frequency range	X	45~65Hz	45~65Hz
Rotary Field Indication	90V~1,000V	100V~750V	100V~750V
Frequency range	X	50~60Hz	50~60Hz
GENERAL			
Display	10,000	X	2,000
Sampling Rate	3 times / sec	10 times / sec	10 times / sec
Overload Indication	"OL" or "-OL"	X	"OL" or "-OL"
Low Battery Indication		X	
Auto Power Off	Approx. 10sec.	X	Approx. 20sec.
Operating Temperature	-15°C~-55°C, \leq 85%RH	0°C~50°C, \leq 80%RH	0°C~50°C, \leq 80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Temperature Coefficient	0.2x(Spec. Acc) / °C <18 °C, >28 °C	0.15x(Spec. Acc) / °C <18 °C, >28 °C	0.15x(Spec. Acc) / °C <18 °C, >28 °C
Safety	CAT IV 600V / CAT III 1000V	CAT IV 600V / CAT III 750V	CAT IV 600V / CAT III 750V
Battery Life: in hours (Alkaline Battery)	1,000	200	200
Power Requirement	AAA size 1.5V x 2 Batteries (IEC LR03)	AAA size 1.5V x 2 Batteries (IEC LR03)	AAA size 1.5V x 2 Batteries (IEC LR03)
Size: WxLxD	57x220x35mm	68x329x29mm	68x329x29mm
Weight	240g	220g	235g
Included with instrument	Zinc Battery, Manual	Zinc Battery, Manual	Zinc Battery, Manual



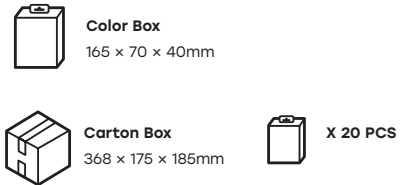
MAIN APPLICATIONS



CONTENTS



PACKAGING INFORMATION



IT-1

INFRARED THERMOMETER

SKU NO: APPAIT-1CBAPC
 UPC CODE: 810053677490
 EAN CODE: 8435394786988

FEATURE

- Large Scale LCD display InfraRed Thermometer
- Distance to Spot Ratio 8:1
- Single point laser sighting
- Easy °C / °F unit switching

SPECIFICATIONS

Accuracy -3°C~500°C / -22°F~932°F	Display 0.2°C / 0.5°F
Response Time 0.5 sec	

MODEL	IT-1
SPECIFICATIONS	
Infrared °C / °F	-30°C~500°C / -22°F~932°F
Best Accuracy	-30°C~0°C / -22°F~32°F: ±3°C/±6°F 1°C~10°C / 34°F~50°F: ±1.5°C/±3°F 11°C~40°C / 52°F~104°F: ±1°C/±2°F 41°C~500°C / 106°F~932°F: ±1.5°C/±3°F or ±1.5% of reading, whichever is greater
Display	0.2°C / 0.5°F
Response Time	0.5 sec
Emissivity	E=0.95
D:S Ratio	8:1 (calculated at 80% energy)
Repeatability	±1°C or ±0.5% of reading, whichever is greater
GENERAL	
Display Hold	10 sec
Operating Temperature	0°C~40°C
Storage Temperature	-20°C~60°C (without Battery)
Battery Life: in hours	150
Power Requirement	IEC LR03, AM4 or AAA size 1.5Vx1pc
Size: WxLxD	20x100x29mm
Weight	40g
Included with instrument	Battery, Manual



51

DIGITAL THERMOMETER

SKU NO: APPA51CBAPC
 UPC CODE: 810053677209
 EAN CODE: 8435394786698

FEATURE

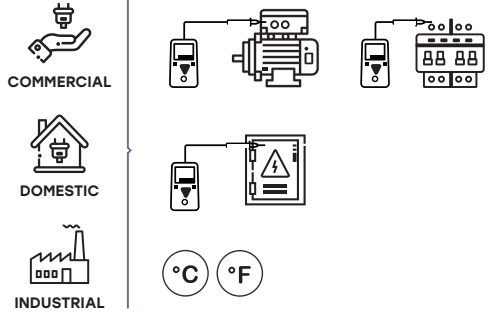
- K-type Thermocouple
- Large LCD display (18.5mm)
- 1°C or 0.1°C (1°F or 0.1°F) resolution
- °C or °F display

SPECIFICATIONS





K-type
 -50°C~1300°C, -58°F~1999°F

Display
 1999




MAIN APPLICATIONS



CONTENTS

	74 x 170 x 39mm 430g		Single 9V Battery NEDA 1604 / IEC 6F22
	User Manual		K-Type Bead Thermocouple, Zinc Battery, Belt Clip, Protective Holster

PACKAGING INFORMATION

	Color Box 196 x 180 x 60mm	
	Carton Box 447 x 330 x 220mm	 X 15 PCS



52

DIGITAL THERMOMETER

SKU NO: APPA52CBAPC
 UPC CODE: 810053677216
 EAN CODE: 8435394786704

FEATURE

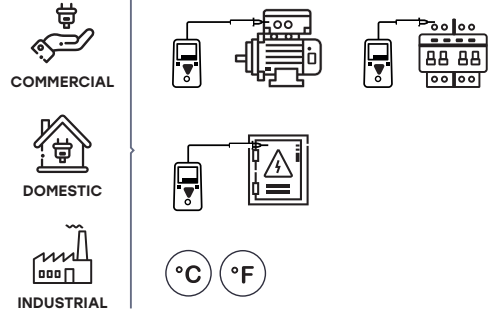
- K-type Thermocouple
- Large LCD display (18.5mm)
- Dual thermocouple input
- Differential temperature (T1-T2)

SPECIFICATIONS

K-type
 -50°C~1300°C, -58°F~1999°F

Display
 1999

MAIN APPLICATIONS





CONTENTS

- 74 x 170 x 39mm
430g
- Single 9V Battery
NEDA 1604 / IEC 6F22
- User Manual
- K-Type Bead Thermocouple x 2,
Zinc Battery,
Belt Clip,
Protective Holster

PACKAGING INFORMATION

- Color Box**
196 x 180 x 60mm
- Carton Box**
447 x 330 x 220mm
- X 15 PCS

MODEL	51	52
SPECIFICATIONS		
Thermocouple terminals T1, T2	T1	T1 & T2
Measurement Range	K-type, -50°C~1300°C, -58°F~1999°F	K-type, -50°C~1300°C, -58°F~1999°F
Resolution	High: 0.1°C or 0.2°F, Low: 1°C or 1°F	High: 0.1°C or 0.2°F, Low: 1°C or 1°F
K-type Accuracy	±(0.3%+1°C) at -50°C~1,000°C ±(0.3%+2°F) at -58°F~1832°F ±(0.5%+1°C) at 1,000~1300°C ±(0.5%+2°F) at 1832°F~1999°F	±(0.3%+1°C) at -50°C~1,000°C ±(0.3%+2°F) at -58°F~1832°F ±(0.5%+1°C) at 1,000~1300°C ±(0.5%+2°F) at 1832°F~1999°F
T1-T2 Accuracy	X	±(0.3% of T1-T2 reading + 2.0°C), ±(0.3% of T1-T2 reading + 4.0°F)
Temperature coefficient	0.15x(Spec. Acc) / °C, <18°C, >28°C	0.15x(Spec. Acc) / °C, <18°C, >28°C
GENERAL		
Display	1999	1999
Input	K-type thermocouple	K-type thermocouple
Sampling Rate	2.5 times / sec	2.5 times / sec
Overload Indication	"1" or "-1"	"1" or "-1"
Low Battery Indication		
Operating Temperature	0°C~50°C, ≤80%RH	0°C~50°C, ≤80%RH
Storage Temperature	-20°C~60°C	-20°C~60°C
Input Protection	60V dc or 24Vrms ac maximum	60V dc or 24Vrms ac maximum
Power Requirement	Single 9V Battery (NEDA 1604 / IEC 6F22)	Single 9V Battery (NEDA 1604 / IEC 6F22)
Battery Life: In hours (Alkaline Battery)	250	250
Size: WxLxD	74x170x39mm	74x170x39mm
Weight	430g	430g
Included with instrument	K-Type Bead Thermocouple, Zinc Battery, Belt Clip, Manual, Protective Holster	K-Type Bead Thermocouple x 2, Zinc Battery, Belt Clip, Manual, Protective Holster



208

VERSAMETERS

SKU NO: APPA208CBAPC
 UPC CODE: 810053677063
 EAN CODE: 8435394786551

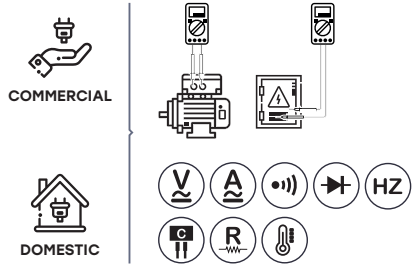
FEATURE

- 40,000 count digital display and 43 segment analog display
- Large white LED backlight display
- 40M Ohms Resistance capability

SPECIFICATIONS

DCV 40mV~1,000V	ACV 40mV~1,000V	DCA 40mA~10A
ACA 40mA~10A	OHM 400Ω~40MΩ	Continuity 10Ω~50Ω
Diode 2.000V	Capacitance 40nF~40mF	Temperature -200°C~1200°C

MAIN APPLICATIONS



CONTENTS

- 230 x 233 x 95mm
1.6Kg
- AC: 100~ 240V, 50/60Hz, 10VA
DC: AA or LR6 or AM3 Battery 1.5V x 6
- User Manual
- Test Leads, Carrying Strap, Power Cord, Temp. Probe, USB Cable

PACKAGING INFORMATION

- Color Box**
278 x 304 x 120mm
- Carton Box**
638 x 305 x 276mm
- X 4 PCS

MODEL	208
SPECIFICATIONS	
DCV	40mV~1,000V
ACV	40mV~1,000V
Auto V-LoZ	400.0V, 1,000V
DCA	40mA~10A
ACA	40mA~10A
OHM	400Ω~40MΩ
Continuity	10Ω~50Ω(Adj), 2KHz tone buzzer
Diode Test	2.000V
Frequency Counter	40Hz~4MHz
Duty Factor	5%~95%
Capacitance	40nF~40mF
°C/°F	-200°C~1200°C
GENERAL	
Display	4,000/40,000 count
Measuring Rate	10 times / sec
Overload Indication	OL
Auto Power Off	1~30 minutes(Adj)
Operating Temperature	0°C~50°C, ≈80%RH
Storage Temperature	-20°C~60°C
Temperature Coefficient	0.1x(Spec. Acc) / °C, <18°C, >28°C
Safety	CAT III 600V / CAT II 1000V
EMC	EN61326-1
Power Requirement	AC 100~ 240V, 50/60Hz, 10VA DC AA or LR6 or AM3 Battery 1.5Vx6
Battery Life: in hours (Alkaline Battery)	50
Size: WxLxD	230x233x95mm
Weight	1.6kg
Included with instrument	Test Leads, Carrying Strap, Power Cord, Manual Temp. Probe, USB Cable

CLIP TEST LEAD SET TL-70



SKU No.	UPC CODE	EAN CODE
TL70PEAPC	810053678213	8435394787817

For component tester or other meters, spring-loaded Clips with serrated teeth, safety-shrouded, rightangle input, 6.2"(16cm), 250V, 10A. one red, one black.

ALLIGATOR CLIP SET TC-10N



SKU No.	UPC CODE	EAN CODE
TC10NPEAPC	810053678220	8435394787824

Slip-on insulated alligator Clips for use with test leads probe 1,000V, 10A rating. one red, one black.

ALLIGATOR CLIP SET TL-10N



SKU No.	UPC CODE	EAN CODE
TL10NPEAPC	810053678237	8435394787831

Include one TC-10N-B, SP-17R, LP-17R and ATL-3N-B.

PREMIUM TEST LEAD SET ATL-1N



SKU No.	UPC CODE	EAN CODE
ATL1NPEAPC	810053678244	8435394787848

Hard alloy tips for long life. Comfort-grip, safety-shrouded, INSULATED right-angle plug, 48"(1.2m), UL listed lead wire, 1,000V, 10A.

4MM PREMIUM TEST LEAD SET ATL-2N



SKU No.	UPC CODE	EAN CODE
ATL2NPEAPC	810053678251	8435394787855

Extra strong 4mm banana tips for long life. Comfort-grip, safetyshrouded, INSULATED right-angle plug, 48"(1.2m), UL listed lead wire, 1,000V, 10A.

STANDARD TEST LEAD SET ATL-3N



SKU No.	UPC CODE	EAN CODE
ATL3NPEAPC	810053678268	8435394787862

Hard tips Comfort-grip, safety-shrouded, right-angle plug, 48"(1.2m), 1,000V, 10A.

TEST LEAD SET

ATL-4N



SKU No.	UPC CODE	EAN CODE
ATL4NPEAPC	810053678275	8435394787879

Hard tips, safety-shrouded, right-angle plug, 48"(1.2m), 1,000V, 10A.

TEST LEAD SET

ATL-6N



SKU No.	UPC CODE	EAN CODE
ATL6NPEAPC	810053678282	8435394787886

Hard tips Comfort-grip, safety shrouded, right-angle plug, 48"(1.2m), 1,000V, 10A.

TEST LEAD SET (A500-USA)

ATL-7



SKU No.	UPC CODE	EAN CODE
ATL7PEAPC	810053678299	8435394787893

UL listed lead wire-Length: 48"(1.2m)
 Probe-Length: 122mm Tip: Φ 2mm
 Alligator-Length: 94mm Cross plug: Φ 4mm
 MAX 10A

TEST LEAD SET (A500)

ATL-8



SKU No.	UPC CODE	EAN CODE
ATL8PEAPC	810053678305	8435394787909

UL listed lead wire-Length: 48"(1.2m)
 Probe-Length: 122mm Tip: Φ 4mm
 Alligator-Length: 94mm Cross plug: Φ 4mm
 MAX 10A

REMOTE PROBE

ATL-R3



SKU No.	UPC CODE	EAN CODE
ATLR3PEAPC	810053678312	8435394787916

- Maximum rated current: 10A
- Standard: EN 61010-031
- Overvoltage category:
 With push-on caps: CAT IV 600V, CAT III 1000V
 Without push-on caps: CAT II 1000V Length: 48"(1.2m)

TEST LEAD SET

ATL-3SN



SKU No.	UPC CODE	EAN CODE
ATL3SNPEAPC	810053678329	8435394787923

Length: 48"(1.2m)
 Tip: Φ 2mm with M4 Screw
 MAX 10A

TEST LEAD SET

ATL-VTA



SKU No.	UPC CODE	EAN CODE
ATLVTAPEAPC	810053678336	8435394787930

Replacement test lead for APPA VTA

PV ADAPTOR TEST LEAD SET

ATL-PV



SKU No.	UPC CODE	EAN CODE
ATLTPPEAPC	810053678343	8435394787947

Replacement test lead for APPA S3, 173 & 179 multimeters.

- Safety Standard: EN 61010-031
- Input Impedance: 10MΩ
- Overvoltage category:
 - With push-on caps: CAT IV 600V / CAT III 1000V
 - Without push-on caps: CAT II 1500V DC or 1,000V AC
 - CAT 0 2,000V DC or 1500V AC (for PV application)
- Pollution Degree 2
- Exposed probe tip length: 18mm to 4mm (0.75 inch to 0.16 inch)
- Environmental ratings: -10°C to 45°C (-4°F to 113°F), 80% R.H.
- Altitude : 2,000 m (6,562 ft)
- Comfort-grip, safety-shrouded, UL recognized, double insulated wire: Length: 48" (1.2m), AWG: 18

IMMERSION PROBE, K TYPE

50-1K



SKU No.	UPC CODE	EAN CODE
50IKPEAPC	810053678350	8435394787961

For liquids and gels. Protected from tip to handle by an Inconel sheath. Suitable for general temperature measurement applications.
Measurement range: -196°C to 800°C (-320°F to 1472°F)

SURFACE PROBE, K TYPE

50-SK



SKU No.	UPC CODE	EAN CODE
50SKPEAPC	810053678374	8435394787978

For flat or slightly convex surfaces. Ideal for measurement of hot rollers and plates.
Measurement range: -0°C to 400°C (-32°F to 752°F)

BEAD PROBE, K TYPE

50-BK



SKU No.	UPC CODE	EAN CODE
50BKPEAPC	810053678367	8435394787954

General purpose applications. Teflon tape insulation. Not suitable for liquid immersion.
Measurement range: -40°C to 204°C (-40°F to 399°F)

APPA[®]

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