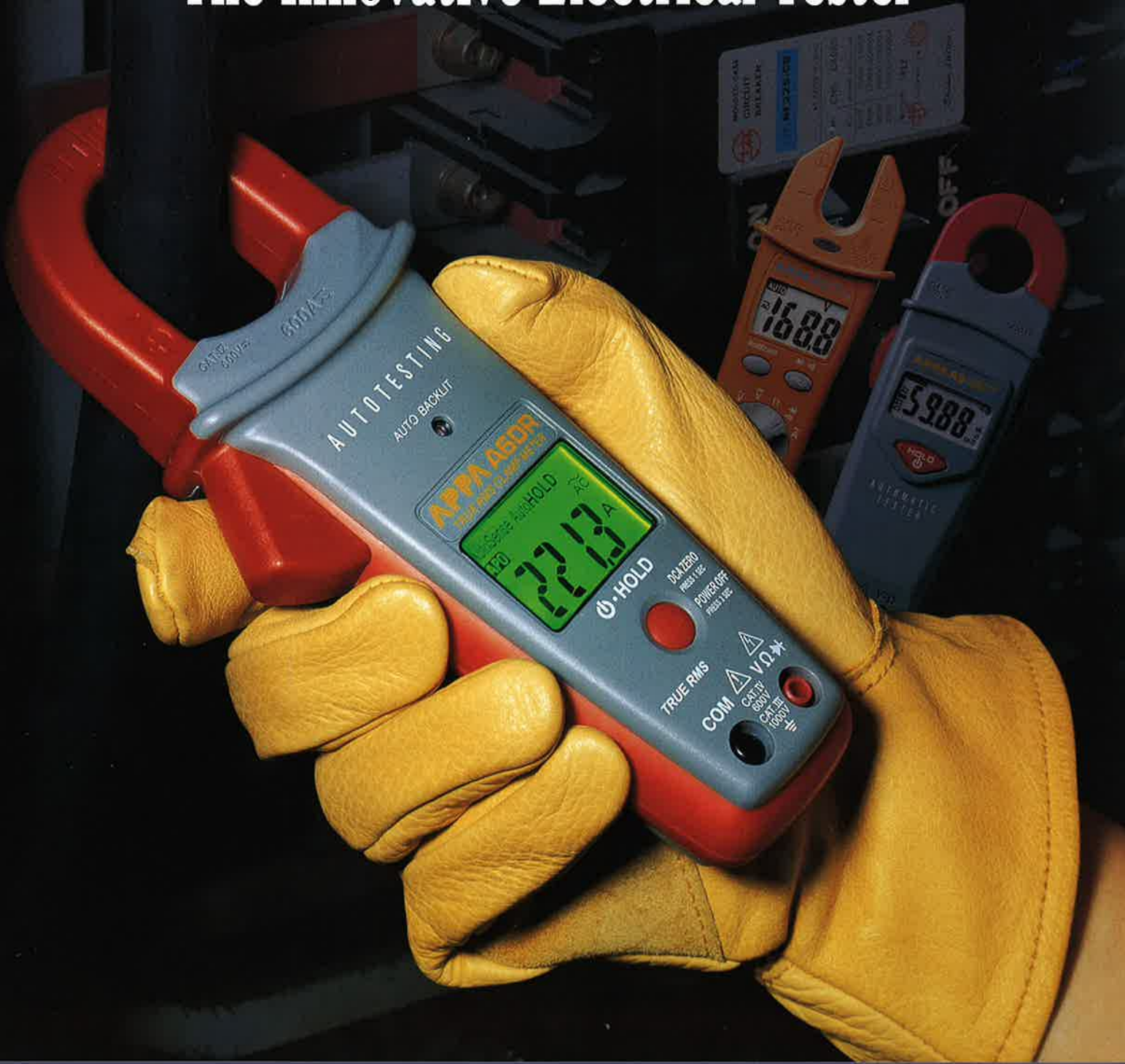


# APPA A Series

## The Innovative Electrical Tester



**APPA**<sup>®</sup>

Advanced Instrument Technology Made Easy



### FULL AUTOMATIC SELECTION

Automatically measuring Voltage, Resistance, Continuity, Diode and Ampere by just turn on the meter,.....the first ever smart electrical tester and clamp meter.(A9, A7A, A6, A6D and A6DR only)



### PROBE HOLDER

Every A series tester (A5, A7D, A8 and A9 only) has a convenient test lead storage also provides probe holder for two poles voltage testing application.



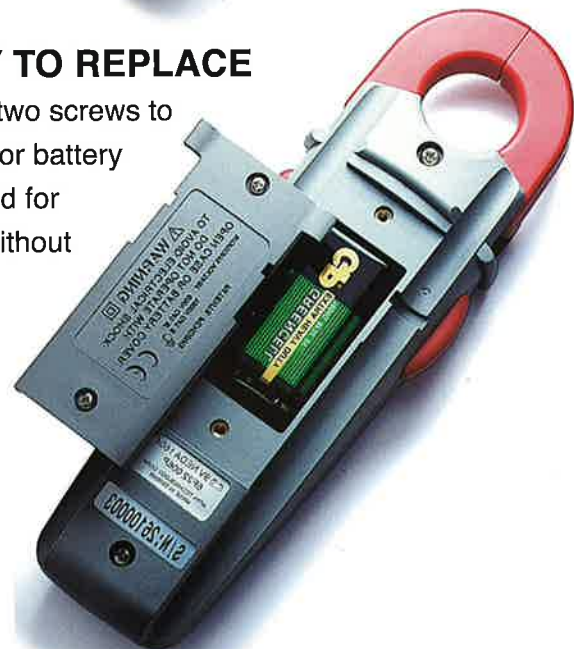
### INVENTIVE OPEN JAW

APPAA7D, A7A and A5 provide an inventive open jaw technology for AC current measuring without opening a clamp jaw. 16mm jaw opening enable to measure aluminum 4/0 cable.



### BATTERY EASY TO REPLACE

Unscrew only one or two screws to remove battery door for battery replacement, designed for user's convenience without opening the bottom case. NEW



### AUTO BACKLIT

An innovative automatic bright backlit feature on APPAA6, A6D and A6DR gives you fulltime display visibility and increased battery life.



**NEW**

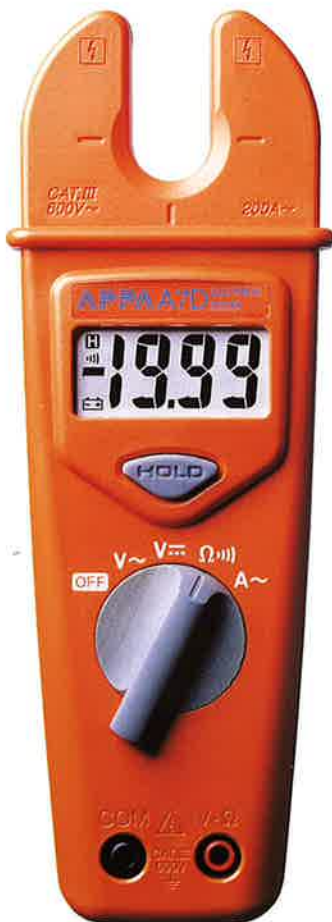
**APPA A5**

- 2000 count digital display
- VoltSense™ function
- Truly measure up to AC 200A**
- Aluminum 4/0 cable**
- AC 200 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 20M Ohms Resistance range
- Continuity Beeper
- Display Hold
- Auto Power Off
- Up to 16mm dia. conductor size
- CAT. IV 600V/ CAT. III 1000V Safety Standard



**APPA A8**

- 2000 count digital display
- AC 200 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 2000 Ohms Resistance range
- Continuity Beeper
- Display Hold
- Auto Power Off
- Up to 23mm dia. (350MCM) conductor size
- CAT. III 600V/ CAT. II 1000V Safety Standard



**UPGRADE**

**APPA A7D**

- 2000 count digital display
- Truly measure up to AC 200A**
- Aluminum 4/0 cable**
- AC 200 Amps capability
- AC 600 Volts capability
- DC 600 Volts capability
- 2000 Ohms Resistance range
- Continuity Beeper
- Display Hold
- Auto Power Off
- Up to 16mm dia. conductor size
- CAT. III 600V Safety Standard



**APPA A9**

- 10000 count digital display
- Auto Selection on ACV, DCV, ACA, Ω, Continuity and Diode
- Smart Data Hold
- Auto Hold (Current mode only)
- AC 400 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 10K Ohms Resistance range
- Fast Continuity Beeper
- Battery capacity auto indication
- Auto Power Off (Enable and disable available)
- Up to 27mm dia. (500MCM) Conductor
- CAT. IV 600V/ CAT. III 1000V Safety Standard



**NEW**  
**APPA A7A**

10000 count digital display  
Auto Selection on ACV, DCV, ACA, Ω, Continuity and Diode  
**Truly measure up to AC 200A Aluminum 4/0 cable**  
Single key operation for all functions  
Smart Data Hold  
Auto Hold (Current mode only)  
AC 200 Amps capability  
AC 750 Volts capability  
DC 1000 Volts capability  
10K Ohms Resistance range  
Fast Continuity Beeper  
Battery capacity auto indication  
Auto Power Off (Enable and disable available)  
Up to 16mm dia. conductor size  
CAT. IV 600V/ CAT. III 1000V  
Safety Standard



**NEW**  
**APPA A6D/A6DR**

10000 count digital display  
Auto Selection on ACV, DCV, ACA, DCA, Ω, Continuity and Diode  
Auto Backlit  
True RMS reading on AC mode (A6DR)  
Single key operation for all functions  
Auto Zeroing key for DCA  
Smart Data Hold  
Auto Hold (Current mode only)  
AC/DC 600 Amps capability  
AC 750 Volts capability  
DC 1000 Volts capability  
10K Ohms Resistance range  
Fast Continuity Beeper  
Battery capacity auto indication  
Auto Power Off (Enable and disable available)  
Up to 35mm dia. (750MCM) conductor size  
Deluxe carrying case  
CAT. IV 600V/ CAT. III 1000V  
Safety Standard



**APPA A6N**

10000 count digital display  
Auto Selection on ACV, DCV, ACA, Ω Continuity and Diode  
Auto Backlit  
Single key operation for all functions  
Smart Data Hold  
Auto Hold (Current mode only)  
AC 600 Amps capability  
AC 750 Volts capability  
DC 1000 Volts capability  
10K Ohms Resistance range  
Fast Continuity Beeper  
Battery capacity auto indication  
Auto Power Off (Enable and disable available)  
Up to 32mm dia. (750MCM) conductor size  
Deluxe carrying case  
CAT. III 600V/ CAT. II 1000V Safety Standard

# APPA A SERIES ELECTRICAL TESTER & CLAMP METER

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

	APP A5	APP A7D	APP A8	APP A9	APP A7A	APP A6	APP A6D/A6DR
<b>ACV:</b>							
<b>Range</b>	200.0V, 750V	600V	750V	1.3V~750.0V	1.3V~750.0V	1.3V~750.0V	1.3V~750.0V
<b>Resolution</b>	0.1V	1V	1V	0.1V	0.1V	0.1V	0.1V
<b>Basic Accuracy</b>	50Hz~500Hz ±(1.5%+3d)	40Hz~500Hz ±(1.5%+3d)	40Hz~500Hz ±(1.5%+3d)	50Hz~500Hz ±(1.5%+3d)	50Hz~500Hz ±(1.5%+3d)	50Hz~500Hz ±(1.5%+3d)	50Hz~500Hz ±(0.9%+3d)
<b>Input Impedance: 1M</b>	•	•	1.6M	•	•	•	•
<b>Overload Protection: 600V DC or AC rms</b>	750Vrms	•	750Vrms	•	•	750Vrms	750Vrms
<b>Conversion Type:</b> Average sensing RMS indicating	•	•	•	•	•	•	•/True RMS
<b>DCV:</b>							
<b>Range</b>	200.0, 1000V	600V	1000V	2.1~999.9V, -0.7V~-999.9V	2.1~999.9V, -0.7V~-999.9V	2.1~999.9V, -0.7V~-999.9V	2.1~999.9V, -0.7V~-999.9V
<b>Resolution</b>	0.1V	1V	1V	0.1V	0.1V	0.1V	0.1V
<b>Basic Accuracy: ±(1.0%+2d)</b>	•	•	•	•	•	•	±(0.3%+2d)
<b>Input Impedance: 1MΩ // &lt;100pF</b>	•	•	1.6MΩ // <100pF	375K~2MΩ	375K~2MΩ	375K~2MΩ	375K~2MΩ
<b>Overload Protection: 600V DC or AC rms 1000V DC or AC peak</b>	•	•	•	•	•	•	•
<b>ACA:</b>							
<b>Range</b>	200.0A	200.0A	200A	0.9A~600.0A	0.9A~600.0A	0.9A~600.0A	0.9A~600.0A
<b>Resolution</b>	0.1A	0.1A	0.1A	0.1A	0.1A	0.1A	0.1A
<b>Basic Accuracy</b>	45Hz~66Hz ±(3.0%+3d)	45Hz~66Hz ±(3.0%+3d)	50Hz~60Hz ±(2.0%+3d)	50Hz~60Hz ±(1.8%+3d)	50Hz~60Hz ±(2.5%+3d)	50Hz~60Hz ±(1.9%+5d)	50Hz~60Hz ±(0.9%+3d)
<b>Conversion Type:</b> Average sensing RMS indicating	•	•	•	•	•	•	•/True RMS
<b>DCA:</b>							
<b>Range</b>							0.9A~600.0A
<b>Resolution</b>							0.1A
<b>Basic Accuracy</b>							±(0.9%+3d)
<b>OHM:</b>							
<b>Range</b>	200.0~20MΩ	2000Ω	2000Ω	10000Ω	10000Ω	10000Ω	10000Ω
<b>Resolution</b>	0.1Ω	1Ω	1Ω	1Ω	1Ω	1Ω	1Ω
<b>Basic Accuracy: ±(1.0%+2d)</b>	•	•	•	±(2.0%+2d)	±(2.0%+2d)	±(2.0%+2d)	±(0.9%+2d)
<b>Overload Protection: 600V rms</b>	•	•	•	•	•	•	•
<b>Continuity Beeper:</b>							
<b>Indicator: 2KHz tone buzzer</b>	•	•	•	•	•	•	•
<b>Threshold</b>	<100Ω	<25Ω	<25Ω	<25Ω	<25Ω	<25Ω	<25Ω
<b>Diode Test:</b>							
<b>Open circuit voltage: 3V max</b>	•	•	•	•	•	•	•

## GENERAL:

<b>Sampling Rate</b>	2.5times/sec	2.5times/sec	2.5times/sec	5times/sec	5times/sec	5times/sec	5times/sec
<b>Overload Indication:</b> OL is displayed for "A" and "Ω" functions. Show the real value for "V" function.	•	•	•	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"	"OL" or "-OL"
<b>Low Battery Indication</b>							
<b>Auto Power Off:</b> Approx. 30 minutes	•	•	•	20 min.	20 min.	20 min.	20 min.
<b>Operating Temperature:</b> 0°C~50°C, ≤ 80% RH	•	•	•	•	•	•	•
<b>Storage Temperature:</b> - 20°C ~ 60°C	•	•	•	•	•	•	•
<b>Temperature Coefficient:</b> 0.15(Spec. Acc)/°C, <18°C or >28°C	•	•	•	•	•	•	•
<b>Safety:</b> IEC 61010 and designed to meet UL61010 specifications	CAT. IV 600V CAT. III 1000V	CAT. III 600V	CAT. III 600V CAT. II 1000V	CAT. III 600V	CAT. IV 600V CAT. III 1000V	CAT. III 600V	CAT. IV 600V CAT. III 1000V
<b>Maximum Conductor Size</b>	16mm dia.	16mm dia.	23mm dia. (350MCM)	27mm dia. (500MCM)	16mm dia.	32mm dia. (750MCM)	35mm dia. (750MCM)
<b>Maximum Jaw Opening</b>			28mm	35mm		38mm	37mm
<b>Power Requirement:</b> Single 9V battery (NEDA 1604 or IEC 6F22) IEC LR03, AM4 or AAA size 1.5V x 2	•	•	•	•	•	•	•
<b>Battery Life:</b> In hours (Alkaline battery)	250	250	300	250	250	250	125
<b>Size:</b> 65mm(W) x 185mm (L) x 40 mm(H)							
66mm(W) x 198mm (L) x 46 mm (H)							
84mm(W) x 175mm (L) x 31 mm(H)							
54mm(W) x 193mm (L) x 31 mm(H)	•						
66mm(W) x 198mm(L) x 46mm(H)							
83mm(W) x 200mm(L) x 48mm(H)							
86.5mm(W) x 213.5mm(L) x 49.5mm(H)							
<b>Weight:</b> In grams	280	280	260	260	280	375	380
<b>Included with instrument:</b> Test Leads, ZnC battery (installed) and manual Deluxe Carrying Case	•	•	•	•	•	•	•

Specifications subject to change without notice.

Copyright © 2009 APPA Tech., Corp. All rights reserved

Distributed by:



**APPA TECHNOLOGY CORPORATION**

9F, 119-1 Pao-Zong Rd., Shintien, Taipei, 231, TAIWAN

Tel: +886-2-29178820 Fax: +886-2-29170848

E-mail: info@appatech.com · http://www.appatech.com

ISO 9001 CERTIFIED