




## Digital Clamp

### APPA A9

#### APPA A Series The Most Innovative Products

#### Testers Fully Automatic Electrical Testers

- 5999 count digital display
- AC 400 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 2k Ohms capability
- Auto Sensing on ACV,DCV,Ohm and ACA
- Data Hold
- Continuity Beeper
- Auto Power Off
- Up to 27mm dia. conductor size
- CAT. III 600V/ CAT. II 1000V Safety Standard

| Technical Data                                                                        |                                                                                      |                                |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------|
| Display 3 5/6 Digital, LCD, 5999 Digits                                               |                                                                                      |                                |
| Voltage AC                                                                            | Range                                                                                | 1.0~750.0V                     |
|                                                                                       | Basic Accuracy                                                                       | ±(1.5%+3d)                     |
|                                                                                       | Overload Protection                                                                  | 750V rms                       |
|                                                                                       | Conversion Type                                                                      | Average sensing RMS indicating |
| Voltage DC                                                                            | Range                                                                                | 1.5~999.9V, -0.2V~-999.9V      |
|                                                                                       | Basic Accuracy                                                                       | ±(1.0%+2d)                     |
|                                                                                       | Overload Protection                                                                  | 1000V DC or AC peak            |
| Current AC                                                                            | Range                                                                                | 0.3A~400.0A                    |
|                                                                                       | Basic Accuracy                                                                       | ±(1.8%+3d) 50Hz~60Hz           |
|                                                                                       | Conversion Type                                                                      | Average sensing RMS indicating |
| Resistance                                                                            | Range                                                                                | 2000Ω                          |
|                                                                                       | Basic Accuracy:                                                                      | ±(2.0%+2d)                     |
|                                                                                       | Overload Protection                                                                  | 600V rms                       |
| Continuity Beeper                                                                     | Threshold                                                                            | <200Ω                          |
|                                                                                       | Indicator                                                                            | 2kHz tone buzzer               |
| Diode Test                                                                            | Open circuit Voltage                                                                 | 3V                             |
| Sampling Rate                                                                         | 5 times/sec                                                                          |                                |
| Auto Power Off                                                                        | Approx. 30 minutes                                                                   |                                |
| Operating Temperature                                                                 | -20 ~ 50 , <80% RH                                                                   |                                |
| Storage Temperature                                                                   | -20 ~ 60                                                                             |                                |
| Temperature Coefficient                                                               | 0.15(Spec. Acc)/ , <18 or >28                                                        |                                |
| Safety                                                                                | CAT. III 600V/ CAT. II 1000V<br>IEC61010 and designed to meet UL61010 specifications |                                |
| Maximum Conductor Size                                                                | 27mm                                                                                 |                                |
| Power Requirement                                                                     | Single 9V battery (NEDA 1604 or IEC 6F22)                                            |                                |
| Battery Life                                                                          | 250 hours (Alkaline battery)                                                         |                                |
| Size                                                                                  | 66mm (W) x 198mm (L) x 46mm (H)                                                      |                                |
| Weight                                                                                | 260 g                                                                                |                                |
| Included with Instrument                                                              | Test Leads, ZnC battery (installed) and Manual                                       |                                |
|  |                                                                                      |                                |