

### Voltage Insulation Tester AR907+



### Voltage Insulation Tester AR907A+



### Radiation Meter AR999 α, β, γ & X-ray



### Digital RCD(ELCB) Tester AR5406 230V +10%-15% 50Hz



## Voltage Insulation Tester

| SPECIFICATIONS                      | AR907+                                      | AR907A+                                  |
|-------------------------------------|---|--|
| Rated Voltage                       | 50V / 100V / 250V / 500V / 1000V            | 50V / 100V / 250V / 500V / 1000V / 2500V |
| Open Circuit Voltage                | DC 50V +10%, -0% ~ DC 1000V +20%, -0%       | DC 100V +10%, -0% ~ DC 2500V +20%, -0%   |
| Insulation Resistance Testing Range | 0.0MΩ~19.9GΩ                                | 0.0MΩ~49.9GΩ                             |
| Short Circuit Current               | 1.3 mA Approx                               |  |
| Insulation Resistance Accuracy      | ±8% rdg (100K~10GΩ)<br>±10% rdg (10GΩ~50GΩ) |  |
| Voltage Measuring Range             | 30 ~ 600V (50/60Hz)                         |  |
| Voltage Resolution                  | 1V  |  |
| Accuracy                            | ±2%rdg ±3rdg                                |  |
| Sampling Rate                       | 0.5 ~ 10 times / sec                        |  |
| Operation Condition                 | 0°C ~ 40°C, < 85% RH                        |  |
| Storage Condition                   | -20°C ~ 60°C, < 90% RH                      |  |
| Over Load Protection                | ✓   |  |
| Auto Discharge Function             | ✓   |  |
| Battery Indication                  | ✓   |  |
| Buzzer Alarm                        | ✓   |  |

| GENERAL CHARACTERISTICS & PACKING INFORMATION |                      |                      |
|---|----------------------|----------------------|
| Power   | 6*1.5V AA batteries  | 6*1.5V AA batteries  |
| Product Net Weight                            | 535.68g              | 547.44g              |
| Product Size                                  | 125.4 x 174.6 x 69mm | 125.4 x 174.6 x 69mm |
| Packing                                       | Gift box             | Gift box             |
| Standard Quantity / Carton                    | 12                   | 12                   |
| Standard Carton Size                          | 52 x 33.5 x 47cm     | 52 x 33.5 x 47cm     |
| Standard Carton Gross Weight                  | 16.77kg              | 17.20kg              |

### Radiation Meter

### Digital RCD(ELCB) Tester

| SPEC                         | AR999                   | SPEC  | AR5406                           |
|------------------------------|-------------------------|---|----------------------------------|
| Radiation Detected           | α, β, γ & X-ray         | Rated Voltage                                 | 230V +10%-15% 50Hz               |
| Sensor                       | Geiger Counting Tube    | Trip Current                                  | 10/20/30/200/300/500mA           |
| Units                        | CPS, CPM, mR/hr, μSV/hr | Trip Time                                     | 1000ms MAX                       |
| Basic Error                  | ≤±15% (137CSv 1mSv/hr)  | Accuracy                                      | Current : ±8%<br>Time: 0.6%±4dgt |
| Alarm Setup                  | ✓                       | Grounding Resistance                          | Max. 50Ω                         |
| Timer Mode                   | ✓                       | Operation Condition                           | 0°C ~ 40°C                       |
| Alarm Light                  | ✓                       | Operation Humidity                            | ≤ 80%RH                          |
| Vibration/ Buzzer Alarm      | ✓                       | Power by Voltage                              | ✓                                |
|                              |                         | Overload Protection                           | ✓                                |
|                              |                         | Overheat Protection                           | ✓                                |
|                              |                         | Overload Indication                           | ✓                                |
|                              |                         | AutoData Storage                              | ✓                                |
|                              |                         | Wiring Check                                  | ✓                                |
|                              |                         | Selective Phase Angle                         | ✓                                |
|                              |                         |   |                                  |
|                              |                         | GENERAL CHARACTERISTICS & PACKING INFORMATION |                                  |
| Power                        | 3*1.5V AAA batteries    | Product Net Weight                            | 575g                             |
| Product Net Weight           | 252g                    | Product Size                                  | 165 x 140 x 80mm                 |
| Product Size                 | 110 x 58 x 34mm         | Packing                                       | Gift box                         |
| Packing                      | Gift box                | Standard Quantity / Carton                    | 6                                |
| Standard Quantity / Carton   | 40                      | Standard Carton Size                          | 45 x 32 x 55cm                   |
| Standard Carton Size         | 52.5 x 40 x 49cm        | Standard Carton Gross Weight                  | 11.08kg                          |
| Standard Carton Gross Weight | 12kg                    |   |                                  |

# High Voltage Insulation Tester

| SPEC                                | AR3123                                 | AR3125  | AR3126       | AR3127                                 |
|-------------------------------------|--|---|--------------|--|
| Rated Voltage                       | 250V / 500V / 1000V / 2500V            | 500V / 1000V / 2500V / 5000V                  |              | 250V ~ 5500V                           |
| Open Circuit Voltage                | DC 250V +30%, -0% ~ DC 2500V +20%, -0% | DC 500V +30%, -0% ~ DC 5000V +20%, -0%        |              | DC 250V~950V ±10% ~ DC 4000V~5000V±10% |
| Insulation Resistance Testing Range | 0.0MΩ~99.9GΩ                           |   | 0.0MΩ~1000GΩ |  |
| Short Circuit Current               |  | 1.3 mA Approx                                 |              |  |
| Insulation Resistance Accuracy      | ±5% rdg ±3% rdg                        | 0~99.9GΩ : ±5% rdg ±3% rdg above 100GΩ : ±20% |              | ±5% rdg ±3% rdg above 100GΩ : ±20%     |
| Voltage Testing Range               |  | DC : ±30 ~ ±600V ; AC : 30 ~ 600V (50/60Hz)   |              |  |
| Voltage Resolution                  |  | 1V  |              |  |
| Accuracy                            |  | ±2%rdg ±3rdg                                  |              |  |
| Sampling Rate                       | 0.5 ~ 10 times / sec                   |   |              | 1 times / sec                          |
| Operation Condition                 |  | 0°C ~ 40°C, ≤ 85% RH                          |              |  |
| Storage Condition                   |  | -20°C ~ 60°C, ≤90% RH                         |              |  |
| Over Load Protection                | √                                      | √   | √            | √                                      |
| Auto Discharge                      | √                                      | √   | √            | √                                      |
| Battery Indication                  | √                                      | √   | √            | √                                      |
| PI Measurement                      | ---                                    | √   | √            | √                                      |
| USB Data Connection                 | ---                                    | ---   | √            | √                                      |
| DAR Measurement                     | ---                                    | ---   | ---          | √                                      |
| Alarm                               |  | High Voltage Warning Symbol & Buzzer Alarm    |              |  |
| External power supply               |  | DC adapter 12V / 1A                           |              |  |

## GENERAL CHARACTERISTICS & PACKING INFORMATION

|                       |                       |                |                |                  |
|-----------------------|-----------------------|----------------|----------------|------------------|
| Power                 | 8*1.5V LR14 batteries |                |                |                  |
| Product Net Weight    | 1027g                 | 1027g          | 1027g          | 1027g            |
| Product Size          | 153 x 213 x 95mm      | 153x213x95mm   | 153x213x95mm   | 153 x 213 x 95mm |
| Packing               | Gift box              | Gift box       | Gift box       | Gift box         |
| Std Quantity / Carton | 6                     | 6              | 6              | 6                |
| Std Carton Size       | 45 x 32 x 55cm        | 45 x 32 x 55cm | 45 x 32 x 55cm | 45 x 32 x 55cm   |
| Std Carton G*Weight   | 16.23kg               | 18.5kg         | 14.78kg        | 15.17kg          |

# Earth Resistance Tester

| SPECIFICATIONS                         | AR4105A+   | AR4105B   |
|--|--|---|
| Measuring Range                        | 2Ω : 0.5 ~ 1.999Ω<br>20Ω : 2 ~ 19.99Ω<br>200Ω : 20 ~ 199.9Ω  | 20Ω : 0.5 ~ 19.99Ω<br>200Ω : 2 ~ 199.9Ω<br>2000Ω : 20 ~ 1999Ω       |
| Accuracy                               | ±2% rdg±0.02Ω (2Ω)<br>±2% rdg±0.1Ω (20Ω)<br>±2% rdg±3 rdg (200Ω)   | ±2% rdg+0.1Ω (20Ω)<br>±2% rdg+3 rdg (200Ω)<br>±2% rdg+3 rdg (2000Ω) |
| Voltage                                | 0 ~ 200V   |   |
| Resolution                             | 0.001Ω / 0.01Ω / 0.1Ω  | 0.01Ω / 0.1Ω / 1Ω   |
| Over Load Protection                   | √  | √   |
| Auto Power Off                         | √  | √   |
| Remove Measured Wires Resistance       | ---  | √   |
| Earth Resistance Measured Time Setting | ---  | √   |
| Safety Standard                        | IEC 61010-1 Overvoltage CAT III 300V Pollution Degree 2<br>IEC 61010-2-31 / IEC 61557-1.5 / IEC 60529 (IP54) |   |
| External power supply                  | 9V DC  |   |

## GENERAL CHARACTERISTICS & PACKING INFORMATION

|                              |                     |                     |
|------------------------------|---------------------|---------------------|
| Power                        | 6*1.5V AA batteries | 6*1.5V AA batteries |
| Product Net Weight           | 533g                | 533g                |
| Product Size                 | 174 x 122 x 65mm    | 174 x 122 x 65mm    |
| Packing                      | Backpack            | Backpack            |
| Standard Quantity / Carton   | 6                   | 6                   |
| Standard Carton Size         | 45 x 32 x 55cm      | 45 x 32 x 55cm      |
| Standard Carton Gross Weight | 15.23kg             | 15.23kg             |

High Voltage Insulation Tester  
AR3123



High Voltage Insulation Tester  
AR3125



High Voltage Insulation Tester  
AR3126



High Voltage Insulation Tester  
AR3127



Earth Resistance Tester  
AR4105A+



Earth Resistance Tester  
AR4105B

