

## INSULATION TESTER

### General features and functions:

AR915 digital insulation tester/ AR916 & AR917 Giga- ohmmeter, their fashion design and robust construction help them withstand extreme condition for high accurate, fast and safety measurement. The instrument can select measuring output voltage from 500V/1000V up to 2000V. (AR916/917 can select 500V/1000V/ 2500V/ 5000V output voltage). Maximum measurement range up to 20Gohm (AR916/ 917 up to 10Tohm), it also can measure AC voltage, have testing time setup and polarization index measurement function. The unit's large LCD display with backlight easy to see even in dark area. This product was widely measuring on transformer, electromechanical, electronic power cord, power switch, different electricity etc

1. Designed to following safety standards: IEC 61010-19 (CAT. III safety standard)
2. Drip water and dust proof construction help them withstand extreme condition.
3. Large LCD with backlight to project the user
4. With auto- discharge function
5. Bar graph to display measured result.
6. AC/ DC Voltmeter function.
7. With polarization index measurement function, can be measured by the automatic measurement function of the ratio of resistance in preset time period.
8. Extremely accurate with high cost/ performance ratio
9. Automatic turn off function
10. Live wiring LCD display and buzzer indication.

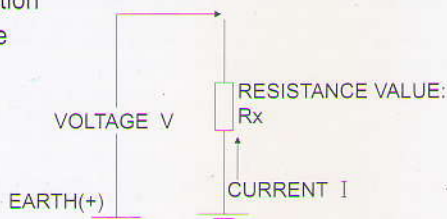
Moreover, AR916/917 have standard USB plug and software. The measured data can be transfer to computer for analysis or print out.

Specification	AR915	AR916/917
Rated voltage	500V/1000V/2500V	500V/1000V/2500V/5000V
Accuracy	±5%rdg±5%dgt	±5%rdg±5%dgt
DC/AC measuring range	30~600V	30~600V
Resolution	1.0V	1.0V
Overload protection	AC 1200V/10sec	AC 1200V/10sec
Withstand voltage	AC 8320V/5sec	AC 8320V/5sec
Insulation resistance	1000MΩ/DC1000V	1000MΩ/DC1000V
Line probe	—	✓
USB interface transmission	—	✓
Short-circuit current	1.4mA	1.4mA
Polarization Index	✓	✓
Absorbing rate	—	✓

### Principle of Insulation Resistance Measurement:

Resistance value can be obtained by applying a certain high voltage to the measured cable (insulation resistance) and measuring the flowing current.

$$R_x = V/I$$



AR915 accessories



Clamp\*2

AR916/917 accessories



Line terminal Testing probe

CD-ROM  
Contains communication software /  
Applicable operation system: Windows 95/98/  
NT4.0/Mac2000/XP/2003



USB Data cable

AR915 High voltage insulation tester

New



! CAT

AR916 High voltage insulation tester  
(Knob-type)

New



! CAT USB1.1

AR917 High voltage insulation tester  
(Button-type)

New



! CAT USB1.1