

# TES

Reliable in Quality

## 3660 Autoranging Insulation Tester

- Auto-Switching & Protection from  $M\Omega$  to Voltage range when there is voltage existed (AC/DC V)
- Low ohm range for connection test
- 1000V AC/DC voltage measurement
- Mem/Read logging function (9 sets)
- Zero function for measurement reset



1000M $\Omega$ /250V  
2000M $\Omega$ /500V  
4000M $\Omega$ /1000V

CAT III 1000V

# **TES** 3660 Autoranging Insulation Tester

## FEATURES :

- Large LCD with analog bar graph and digital display.
- 250V, 500V, 1000V output voltage for insulation MΩ testing.
- 4000MΩ insulation testing with automatically switch to voltage measurement.
- Lo Ω function for testing connections.
- Autodischarge of capacitive voltage charges.
- Last reading HOLD display.
- AC/DC voltage measurement up to 1000V.
- Manual data memory and read function (9 sets).
- Meets EN61557 and IEC1010-1, CAT III 1000V.
- Size : 235(L)x116(W)x54(H)mm (9.3"Lx4.6"Wx2.1"H)

## ELECTRICAL SPECIFICATIONS (23°C±5°C) :

### ■ Insulation Resistance :

Range : 1000MΩ/250V w/ autorange 1000M/400M/40M/4M  
 2000MΩ/500V w/ autorange 2000M/400M/40M/4M  
 4000MΩ/1000V w/ autorange 4000M/400M/40M/4M

Resolution : 1000MΩ/250V, 1KΩ to 10 MΩ  
 2000MΩ/500V, 1KΩ to 10 MΩ  
 4000MΩ/1000V, 1KΩ to 10MΩ

Accuracy : 3%rdg+5Count (under 1GΩ)  
 5%rdg+5Count (under 4GΩ)

Nominal Current : >1mA

### ■ Lo Ω :

Range	Resolution	Accuracy	Short Circuit Current
40.00Ω	0.01Ω	±2%rdg±2dgts	>200mA

### ■ AC Voltage (50Hz to 400Hz) :

Range	Resolution	Accuracy	Sensitivity	Overload Protection
999.5V	0.5V	±2%±15dgts (40~400Hz)	2V	1000V

Input impedance : 3MΩ

### ■ DC Voltage :

Range	Resolution	Accuracy	Sensitivity	Overload Protection
999.5V	0.5V	±1.0%±2dgts	2V	1000V
-999V	1V			

Input impedance : 3MΩ

### ■ Resistance (Continuity<40Ω on the 9999Ω range) :

Range	Resolution	Accuracy	Overload Protection
9999Ω	1Ω	1%±2dgts	1000V



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