

# TES-3660 Autoranging Insulation Tester



## FEATURES

- Large LCD with analog bar graph and digital display.
- 250V, 500V, 1000V output voltage for insulation M  $\Omega$  testing.
- 4000M  $\Omega$  insulation testing with automatically switch to voltage measurement.
- Lo  $\Omega$  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)



## SPECIFICATION

### Lo $\Omega$

Range	Resolution	Accuracy	Short Circuit Current
40.00 $\Omega$	0.01 $\Omega$	$\pm 2\% \text{rdg} \pm 2 \text{dgts}$	>200mA

### AC Voltage (40Hz to 500Hz)

Range	Resolution	Accuracy	Sensitivity	Overload Protection
999V	1V	2% +2	2V	1000Vrms

Input impedance : 9M $\Omega$

### Resistance (Continuity <40 $\Omega$ on the 9999 $\Omega$ range)

Range	Resolution	Accuracy	Overload Protection
9999 $\Omega$	1 $\Omega$	1% $\pm 2 \text{ dgts}$	1000V

### DC Voltage

Range	Resolution	Accuracy	Sensitivity	Overload Protection
999V	1V	1% +2	2V	1000Vrms

Input impedance : 9M $\Omega$

### Insulation Resistance

Range	
	1000M $\Omega$ /250V w/ autorange 1000M/400M/40M/4M
	2000M $\Omega$ /500V w/ autorange 2000M/400M/40M/4M

	4000M $\Omega$ /1000V w/ autorange 4000M/400M/40M/4M
<b>Resolution</b>	1000M $\Omega$ /250V, 1K $\Omega$ to 10 M $\Omega$ 2000M $\Omega$ /500V, 1K $\Omega$ to 10 M $\Omega$ 4000M $\Omega$ /1000V, 1K $\Omega$ to 10M $\Omega$
<b>Accuracy</b>	3%rdg+5Count (under 1G $\Omega$ ) 5%rdg+5Count (under 4G $\Omega$ )
<b>Nominal Current</b>	>1mA

---