

# Insulation Tester

**NEW!**



- 50-segment analog bargraph display
- Easy-to-carry testing package
- Unique datalogging feature
- RS232 interface
- EN61010-1, Cat. II 1000V, Cat. III 600V
- Includes test leads, RS232 interface, Windows software and 8 AA batteries

## Specifications:

AC Voltage Range:	600V
Resolution:	0.1V
Accuracy:	1.5% rdg. +3 dgts.
Resistance Range:	400Ω
Resolution:	0.01Ω
Accuracy:	1.0% rdg. +30 dgts.
Test Voltages:	250V, 500V, 1000V
Insulation Resistance:	4000MΩ, 400MΩ, 40MΩ, 4MΩ
Resolution:	1 count/1kW
Accuracy:	3% rdg. +5 count ( $\leq 1G\Omega$ ), 5% rdg. +3 count ( $< 4G\Omega$ )
Display:	80 x 50mm LCD panel w/ 50-segment analog display, max. reading 4000
Sampling Rate:	2.5X/sec digital display, 10X/sec bargraph
Power Supply:	8 X 1.5V AA batteries
Dimensions:	200(L)x140(W)x95(H)mm
Weight:	Approx. 900g (with battery)

## Features:

- Measures insulation resistances up to 4000MΩ at 250V, 500V and 1000V test voltages
- Tests insulation at rated voltage into a 1mA load
- 200mA short circuit continuity current
- Auto discharge
- 3-3/4 4000-count LCD with display backlight

Model	Description	Price
TES-1604	Datalogging Insulation Tester	\$457

# Insulation Tester

**NEW!**

## Features:

- 250V, 500V, 1000V test voltages
- 4000MΩ insulation testing with automatic switching to voltage measurement
- AC/DC voltage measurement up to 1000V
- Lo Ω function for testing connections
- Continuity test
- Autodischarge of capacitive voltage charges
- Large LCD with analog bargraph
- Display Hold function
- Manual data memory and read function (9 data sets)
- Meets EN61557 and IEC1010-1, CAT III 1000V
- Includes 6 AA batteries, test leads and carrying case



## Specifications:

Lo Ω Range:	40.00 Ω
Resolution:	0.01 Ω
Accuracy:	±2% rdg. ± 2 dgts.
Short Circuit Current:	>200mA
AC/DC Voltage Range:	999V
Resolution:	1V
Accuracy:	AC: ±2% rdg. ± 2 dgts.; DC: ±1% rdg. ± 2 dgts.
Overload Protection:	1000Vrms
Input Impedance:	9MΩ
Resistance Range:	9999Ω
Resolution:	1Ω
Accuracy:	±1% rdg. ± 2 dgts.
Overload Protection:	1000V
Insulation Resistance:	1000MΩ/250V: 1000/400/40/4MΩ 2000MΩ/500V: 2000/400/40/4MΩ 4000MΩ/1000V: 4000/400/40/4MΩ
Resolution:	1kΩ to 10MΩ
Accuracy:	3% rdg. +5 count ( $< 1G\Omega$ ); 5% rdg. +5 count ( $< 4G\Omega$ )
Nominal Current:	>1mA
Dimensions:	235(L)x116(W)x54(H)mm
Weight:	520g

Model	Description	Price
TES-3660	Insulation Tester	\$268