

# TES-1604 AUTORANGING INSULATION TESTER

## RS-232 Window Version, Data Logger



### FEATURES

- Innovational logging feature (7000) to memorize all of measurements from the work place
- RS-232 interface with valued software
- 4,000M W /V Reding/10,000M W analog indication
- Backlight illumination
- 3-3/4 Digital LCD, 4000Count
- Auto Range for Mega Ohm range
- 50 segments Log Scaled Analog Display
- Easy to carry testing package
- Tests insulation at rated voltage into a 1mA load
- 200mA short circuit continuity current
- Meet VED0413
- Auto discharge



EN61010-1

CAT II pollution 2 1000V

CAT III pollution 2 600V



### SPECIFICATION

#### AC Voltage

Range	Resolution	Accuracy
600V ACV	0.1Volt	1.5%rdg+3dgt (1V~600V)

#### Continuity

Range	Resolution	Accuracy
40 Ohm (Ish>200mA )	0.01 W	1%rdg+30dgt

#### Mega Ohm

Range	Resolution	Accuracy
4000M W /250V w/ autorange 4000M/400M/40M/4M	4000M W /250V, 1count/1K W	3%rdg+5Count (under 1G W ) 5%rdg+3Count (under 4G W )
4000M W /500V w/ autorange 4000M/400M/40M/4M	4000M W /500V, 1count/1K W	
4000M W /1000V w/ autorange 4000M/400M/40M/4M	4000M W /1000V, 1count/1K W	

#### GENERAL SPECIFICATIONS

<b>Display</b>	80 x 50mm Big LCD penal with 50 segments analog display Max Reading 4000
<b>Over range Indication</b>	"OL" will be shown on the LCD penal when out of range measurement is made.
<b>Low Battery Indication</b>	The <b>-+</b> will be shown when the battery need to be changed

<b>Sampling Rate</b>	2.5 times/sec Digital Display 10 times/sec Bar Graph
<b>Power Source</b>	Eight 1.5Volt AA size Battery
<b>Operating Temperature and Humidity</b>	0 °C to 40 °C (32 °F to 104 °F ), below 80% RH
<b>Storage Temperature</b>	-10 °C to 60 °C ( 14 °F to 140 °F )
<b>Dimension</b>	200(L)x140(W)x95(H)mm
<b>Weight</b>	Approx. 900g (with battery)
<b>Accessories</b>	Test Lead, Battery, Instruction Manual, RS-232 interface, Software for Windows .