AUTORANGING INSULATION TESTER
RS-232 Window Version, Data Logger

MODEL TES-1604

- Innovational logging feature (7000) to memorize
  all of measurements from the work place
- RS-232 interface with valued software
- 4,000MΩ/V Reding/10,000MΩ analog indication
- Backlight illumination

CE
EN61010-1

TES-1604

CAT II pollution 2 1000V
CAT III pollution 2 600V

FEATURES¡G

- 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
- Via RS-232 interface to talk with PC (Window Versions)
- 7000 Record data logging capacity
- Auto discharge

ELECTRICAL SPECIFICATIONS

AC Voltage

Range	Resolution	Accuracy
600V ACV	0.1Volt	1.5%rdg+3dgt (1V¡ã600V)

Continuity

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

Mega Ohm

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

GENERAL SPECIFICATIONS

Display	80 x 50mm Big LCD penal with 50 segments analog display Max Reading 4000
Over range Indication	"OL" will be shown on the LCD penal when out of range measurement is made.
Low Battery Indication	The ▬➕ will be shown when the battery need to be changed
Sampling Rate	2.5 times/sec Digital Display 10 times/sec Bar Graph
Power Source	Eight 1.5Volt AA size Battery
Operating Temperature and Humidity	0^oC to 40^oC ($32\ ^oF$ to 104^oF), below 80% RH
Storage Temperature	-10^oC to 60^oC ($14\ ^oF$ to 140^oF)
Dimension	200(L)x140(W)x95(H)mm
Weight	Approx. 900g (with battery)
Accessories	Test Lead, Battery, Instruction Manual, RS-232 interface, Software for Windows .