

# TES

Reliable in Quality

## TES-1600 Digital Insulation Tester

- 2000 M $\Omega$  / 1000 V, 200 M $\Omega$  / 500 V, 200 M $\Omega$  / 250 V
- Power lock for 3 minutes (Auto Power off)
- Data-Hold-Function / Continuity Beeper



# TES-1600 Digital Insulation Tester

## FEATURE:

- Digital readout easy to obtain by 0.65" LCD display
- Automatic unit & sign annunciator
- Rotary switch easy for range selection
- Power-lock switch (3 minutes) simplifies the measurement
- Continuity beeper
- Battery operated/Overload Protection
- Safety test leads
- 1mA test current

## GENERAL SPECIFICATIONS:

<b>Display</b>	3.5 digit 0.65" large LCD
<b>Sampling rate (A/D)</b>	2.5 time/sec
<b>Zero adjustment</b>	Automatically
<b>Operating temp. &amp; Storage Environment</b>	0°C~40°C < 80% R.H. -10°C to 60°C < 70% R.H.
<b>Power source</b>	6 'AA' 1.5V batteries
<b>Dimension</b>	165(L)x100(W)x57(H) mm
<b>Weight</b>	500g
<b>Accessories</b>	Test leads, 6pcs. of battery, carrying case and manual

## MEG OHMS

Range	Resolution	Accuracy	Terminal Voltage	Test Current
200 MΩ/250V	0.1 MΩ	±(3% of rdg + 5dgts)	250V+10%	1mA at 250KΩ load
200 MΩ/500V	0.1 MΩ		500V+10%	1mA at 500KΩ load
2000 MΩ/1000V	1 MΩ		1000V+10%	1mA at 1 MΩ load

## OHMS

Range	Resolution	Accuracy	Max. Open Circuit Voltage	Overload Protection
200 Ω	0.1 Ω	± (1% of rdg + 2dgts)	3.3V	500V DC/AC

## Continuity Beeper ( ))) )

Range	Resolution	Operation Resistance	Max. Open Circuit Voltage	Overload Protection
200 Ω	0.1 Ω	Resistance < 100Ω	3.3V	500V DC/AC

## AC Voltage (40Hz~500Hz)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
600 V	1 V	± (0.8% of rdg + 3dgts)	10 MΩ	750 Vrms



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