

TES-2700/2712 LCR Multimeter



FEATURES

MODEL TES-2700

- Autoranging and Auto-power-off
- 3200 count LCD with analog bar-graph
- Data-hold mode available at ohms.
- Overload protection up to 600 Vrms

MODEL TES-2712

- 3 1/2 LCD
- Data-hold and peak-hold function available
- Inductance, Capacitance & ohm measurement



TES-2700

TES-2712



SPECIFICATION

TES-2700

Voltage (AC/DC)

Range	320m/3.2/32/600VDC 3.2/32/320/600VAC
Accuracy	DC - 0.5% rdg + 2 dgts AC - 1.2% rdg + 4 dgts (40-400Hz)
Input Impedance	10M Ω (min)
Resolution	100 μ V(DC)/1mV(AC)

Current (AC/DC)

Range	320 μ /3.2m/32m/320m/20A
Accuracy	DC - 1% rdg + 2 dgts AC - 1.5% rdg + 5 dgts (40-400Hz)
Resolution	0.1 μ A

Resistance

Range	320/3.2K/32K/320K/3.2M/30M Ω
Accuracy	0.8% rdg + 2 dgts
Resolution	0.1 Ω

Diode Test

Resolution	1mV
Accuracy	1% rdg + 2 dgts
Max. Test Current	0.8mA
Max. Open Circuit Voltage	3.2V
Overload Protection	500Vrms

Continuity Beeper

Operation Resistance	Below 20 Ω
Max. Open Circuit Voltage	1.3V
Overload Protection	500V _{rms}

TES-2712

Voltage (AC/DC)

Range	200m/2/20/200/600V
Resolution	0.1mV
Accuracy	DC - 0.5% rdg + 1 dgt AC - 1% rdg + 5 dgts
Input Impedance	10M Ω (min)

Current

Range	200 m /2m/20m/200m/20A
Resolution	0.1 m A
Accuracy	DC - 1% rdg + 1dgt AC - 1.2% rdg + 3dgt (50-500Hz)

Inductance

Range	20m/200m/2/20H
Resolution	10 m H
Accuracy	5% rdg + 10 dgts

Resistance (Ω)

Range	200/2K/20K/200K/2M/20M
Accuracy	0.8% rdg + 2 dgts
Resolution	0.1 Ω
Overload Protection	500V _{rms}
Max. Open Circuit Voltage	3.2V
Max. Allowable Applied Voltage	500V _{rms}

Diode Test

Resolution	1mV
Accuracy	2% rdg + 2 dgts
Max. Test Current	1.0mA
Max. Open Circuit Voltage	3.2V

Continuity Beeper

Operation Resistance	Below 30 Ω
Max. Open Circuit Voltage	3.2V

Diode Test

Range	2000P/200n/2 m F/20 m F Resolution: 1PF
Accuracy	3% rdg + 10 dgts