

LCR Multimeter

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



TES-2700

MODEL TES-2712

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



TES-2712

Specifications for TES-2700/2712

Specifications for TES-2700

Voltage (AC/DC)

Range: 320m/3.2/32/600VDC
3.2/32/320/600VAC

Input Impedance: 10MΩ (min)
Resolution: 100μV(DC)/1mV(AC)
Accuracy: DC - 0.5% rdg + 2 dgts
AC - 1.2% rdg + 4 dgts
(40-400Hz)

Current (AC/DC)

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

Resistance

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

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 20Ω
Max. Open Circuit Voltage: 1.3V
Overload Protection: 500Vrms

Specifications for 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: 10MΩ (min)

Current

Range: 200μ/2m/20m/200m/20A
Resolution: 0.1μA

Accuracy: DC - 1% rdg + 1dgt
AC - 1.2% rdg + 3dgt
(50-500Hz)

Inductance

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

Capacitance

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

Resistance (Ω)

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

Continuity Beeper:

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

Diode Test:

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