

# 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



## 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 $\Omega$ (min)
Resolution	100 $\mu$ V (DC)/1mV (AC)

## Current (AC/DC)

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

## Resistance

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

## 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 $\Omega$
Max. Open Circuit Voltage	1.3V
Overload Protection	500Vrms

## 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 $\Omega$ (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 (  $\Omega$  )

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

## 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 $\Omega$
Max. Open Circuit Voltage	3.2V

## Diode Test

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


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