

AC/DC Clamp Meter

MODEL: TES-3050

Features

- True RMS reading 1000A
- Auto-Zero for DCA
- Autoranging on V, Ω , A, Hz
- Bar-Graph indication
- 3-3/4 Digital LCD with Bar-graph
- Autoranging on Volt, Ohm, Current, Frequency measurements
- Auto-power off
- Data Hold mode
- MAX/MIN Hold mode
- Zero Adjustment/Relative Reading
- Peak Hold Mode (only ACV and ACA range)
- Two years warranty

#135-**TES-3050**



Specifications

Numerical Display: 3-3/4 digit liquid crystal display (LCD) maximum reading 3999

Over Range Indication: LCD will show an "OL"

Sampling Rate: 20 times/sec(Bar-Graph) 2 times/sec (Digital Display)

Power Source: One 006p 9V or IEC 6F22 or NEDA 1604 Battery

Battery Life: 30hr approx.

Auto-power off time: Approx. 30 minutes

Operating Temperature and Humidity: 0°C to 40°C (32°F to 104°F) below 80% RH

Storage Temperature and Humidity: -10°C to 60°C (14°F to 140°F) below 70% RH.

Dimensions: 239(L) x 66(W) x 34(H) mm

Weight: Approx. 365g

Jaw Opening: 46mm

A: General Measurement

DC Voltage (Autorange & Manual)

Range: 400mV/4V/40V/400V/600V

Resolution: 0.1mV/0.001V/0.01V/0.1V/1V

Accuracy: $\pm 0.75\%$ rdg + 2 dgts

Input Impedance: $\geq 1000M\Omega$ / $\approx 11M\Omega$ / $\approx 10M\Omega$

Overload Protection: 660Vrms

DC Current (Autorange & Manual)

Range: 400A/1000A

Resolution: 0.1mA/1A

Accuracy: $\pm 2\%$ rdg + 25 dgts

Overload Protection: 1100A

AC Voltage (Autorange & Manual)

Range: 4V/40V/400V/600V

Resolution: 0.001V/0.01V/0.1V/1V

Accuracy: $\pm 1.2\%$ rdg + 5 dgts/ $\pm 1.5\%$ rdg + 5 dgts

Input Impedance: $\approx 11M\Omega$ / $\approx 10M\Omega$

Overload Protection: 660Vrms

Frequency Response: 40~450Hz

Frequency (Hz) (Autorange only)

Range: 100Hz/1KHz/10KHz/100KHz/1000KHz

Resolution: 0.01Hz/0.1Hz/0.001KHz/0.01KHz/0.1KHz

Accuracy: ± 0.5 rdg + 2 dgts

Sensitivity: 100mV or 1A

Overload Protection: 1100A/600Vrms

Resistance (Ω) (Autorange & Manual)

Range: 400 Ω /4K Ω /40K Ω /400K Ω /4M Ω /40M Ω

Resolution: 0.1 Ω /0.001K Ω /0.01K Ω /0.1K Ω /

0.001M Ω /0.01M Ω

Accuracy: $\pm 1\%$ rdg + 2 dgts/ $\pm 1.5\%$ rdg + 2 dgts

Open Circuit Voltage: ≤ 0.5 VDC

Overload Protection: 600Vrms

Audible continuity

Range: (*)

Continuity Beeper: $\leq 40\Omega$

Open Circuit Voltage: ≤ 0.5 V

Overload Protection: 600Vrms

Diode Test

Range: (H)

Resolution: 0.001V

Accuracy: $\pm 1\%$ rdg + 2 dgts

Overload Protection: 600Vrms

B: Peak Hold Measurement AC Voltage (Autorange & Manual)

Range: 4V/40V/400V/600V

Resolution: 0.001V/0.01V/0.1V/1V

Accuracy (50Hz~60Hz): $\pm 2.5\%$ rdg + 5 dgts

Input Impedance: $\approx 11M\Omega$ / $\approx 10M\Omega$

Overload Protection: DC 1100V/AC 800V

AC Current (Autorange & Manual)

Range: 400A/1000A

Resolution: 0.1A/1A

Accuracy: $\pm 2.5\%$ rdg + 5 dgts

Overload Protection: 1100A

Accessories

Carrying Case, Instruction Manual,

Safety Test Leads, Battery