

## AC/DC Clamp Meter

**MODEL: TES-3040 AC**

### Features

- Peak Hold/Data Hold function
- Autoranging on V,  $\Omega$ , 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
- Two years warranty

**#135-TES-3040 AC**



### 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.

**Polarity:** Automatic polarity "—" display for

**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

#### 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

#### 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

#### AC Current (Autorange & Manual)

Range: 400A/1000A

Resolution: 0.1A/1A

Accuracy:  $\pm 2\%$  rdg + 5 dgts

Overload Protection: 1100A

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:  $\pm 0.5$  rdg + 2 dgts

Sensitivity: 100mV or 1A

Overload Protection: 1100A/600Vrms

#### Resistance ( $\Omega$ ) (Autorange & Manual)

Range: 400 $\Omega$ /4K $\Omega$ /40K $\Omega$ /400K $\Omega$ /4M $\Omega$ /40M $\Omega$

Resolution: 0.1 $\Omega$ /0.001K $\Omega$ /0.01K $\Omega$ /

0.1K $\Omega$ /0.001M $\Omega$ /0.01M $\Omega$

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

Open Circuit Voltage:  $\leq 0.5$ VDC

Overload Protection: 600Vrms

#### Audible continuity

Range: (••)

Continuity Beeper:  $\leq 40\Omega$

Open Circuit Voltage:  $\leq 0.5$ V

Overload Protection: 600Vrms

#### Diode Test

Range: (••)

Resolution: 0.001V

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

Overload Protection: 600Vrms

#### Accessories

Carrying Case, Instruction Manual, Safety Test Leads, Battery