

# Multimeters & Panel Meters

## TES Digital Clamp Meter

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### FEATURES

- 3-3/4 Digital LCD with bar-graph
- Auto-ranging off / Data Hold / Peak Hold / MAX/MIN mode
- Zero Adjustment/Relative Reading



Part No.	Product No.	Manufacturer	Description
21862	TES-3050	TES	AC /DC 1000A Clamp Meter



### FEATURES

- 3-3/4 Digital LCD
- Auto-Ranging Frequency measurements.
- Data Hold mode
- PEAK Hold mode.



### Diode Test

Resolution	0.001V
Accuracy	1% rdg + 2 dgts
Overload Protection	660Vrms

Part No.	Product No.	Manufacturer	Description
21867	TES-3070	TES	AC Clamp Meter



### FEATURES

- Capacitance Measurement (400µF).
- MAX / MIN / Data Hold.
- Phase Rotation Indicator.
- Pos Peak Hold & Neg Peak Hold.
- 1000AAC & 600V AC.



### GENERAL SPECIFICATIONS

Numerical Display	3-3/4 digit liquid crystal display (LCD) maximum reading 3999 42 segment bargraph.
Range Selection	All ranges are selected by a single range switch.
Over Range Indication	LCD will show an "OL".
Low Battery Indication	LCD will show an "BAT".
Sampling Rate	2 times/sec (Digits) 10 times/sec (Analog).
Power Source	one 006p 9V or IEC 6F22 or NEDA 1604 Battery.
Battery Life	200hr approx.
Polarity	Automatic polarity "-" display for negative input.
Operating & storage / Temperature and Humidity	0°C to 40°C (32°F to 104°F) < 80%RH / -10°C to 60°C (14°F to 140°F) < 70% RH
Dimensions and Weight	228(L) x 76(W) x 39(H)mm and Approx. 465g
Jaw Opening Diameter	Cables 40mm

Part No.	Product No.	Manufacturer	Description
16147	TES-3074	TES	3074 AC 1000A Clamp Meter



Part No.	Product No.	Manufacturer	Description
21869	TES-3076	TES	TRUE RMS AC 3 Phase Clamp Meter



### FEATURES

- Dual LCD display to show Amp / V & V / Hz simultaneously.
- ACA and ACV test simultaneously.
- Temperature o C & o F measurement (-50 o C - 1300 o C).
- MAX / MIN / Data Hold.
- 1000AAC & 600V AC.



### GENERAL SPECIFICATIONS

Numerical Display	3-1/2 digit liquid crystal dual display (LCD) maximum reading 1999.
Range Selection	All ranges are selected by a single range switch.
Over Range Indication	LCD will show an "OL".
Low Battery Indication	The  is displayed when the battery voltage drops below the operating voltage.
Sampling Rate	2 times/sec
Power Source	one 006p 9V or IEC 6F22 or NEDA 1604 Battery.
Battery Life	120hr approx.
Polarity	Automatic polarity "-" display for negative input.
Operating & storage Temperature and Humidity	0 ° C to 40 ° C (32 ° F to 104 ° F) (below 80% RH)
Dimensions	228(L) x 76(W) x 39(H)mm
Weight	Approx. 465g
Jaw Opening Diameter	Cables j 40mm

Part No.	Product No.	Manufacturer	Description
21870	TES-3078	TES	AC 1000A Clamp Meter

### APPLICATIONS

#### HVAC Application

- Check current draw in motors and compressors.
- Use MAX/MIN/Recording in the temperature mode to assess efficiency.
- Test run/start capacitors
- Confirm low voltage control signals.
- Measure flame safeguard device current draw.
- Confirm power sources
- Analyze temperature and power data with the aid of the time stamp.
- Insulation test up to 100M.

#### Electrical Application

- Check for energized circuits.
- Balance loads.
- Evaluate electrical contacts.
- Capture motor in-rush current readings.
- Determine peak power demand periods.
- Verify line voltage stability.
- Monitor motors and other loads for excess heat.
- Check motor run/start capacitor values.

Part No.	Product No.	Manufacturer	Description
21871	TES-3079	TES	HVAC Trms Clamp Meter (1000A)



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