

TES-3063/3064 Power AC/DC Clamp Meter



FEATURES

1 Φ 2W, 1 Φ 3W, 3 Φ 3W, 3 Φ 4W

- RS-232 interface to talk with PC
- 4 digits with dual display LCD
- Amp / Voltage frequency measurement
- Dual display KW+PF , KVA+PF , V+A
- 4000 continuity point data logger , 25 point manual data logger
- True power / apparent power / power factor measurement
- True RMS. V , A , W , cap , Ind , phase indicator
- MIN / MAX measurement
- Peak hold detector
- Dual display A+Hz , V+Hz



EN61010-1

600V Installation CAT III

Pollution Degree 2



SPECIFICATION

True Power & Apparent power measurement

Input	Resolution	Accuracy	Frequency range	Overload protection
V<130V, A<150A	0.01	+/- (2%+5)	45Hz - 500Hz	600V/1100A
V>130V, A<150A				
V<130V, A>150A				
V>130V, A>150A	0.1	+/- (2%+1)		

DCA

Range	Resolution	Accuracy	Overload protection
1000A	0.1A	+/- (1.5%rdg + 5dgt)	1100A

ACA

Range	Resolution	Accuracy	Frequency range	Overload protection
1000A	0.1A	+/- (1.5%rdg + 5dgts)	45Hz - 500Hz	1100A

- Crest Factor: <4 for stated accuracy

DCV

Range	Resolution	Accuracy	Input Impedance	Overload protection
600V	0.1V	+/- (0.5%rdg + 5dgts)	1M Ω	600V

ACV

Range	Resolution	Accuracy	Input Impedance	Frequency range	Overload protection
600V	0.1V	+/- (0.5%rdg + 5dgts)	1M Ω	45Hz - 500Hz	600Vms

- Crest Factor: <3 for stated accuracy

Peak Indication

Range	Resolution	Accuracy	Overload protection
20A - 80A	0.1A	+/- (10%rdg + 10dgts)	1100A
80A - 1000A		+/- (6%rdg + 10dgts)	

- Peak Detect Acquisitions Time<=1ms

Peak Indication

Range	Resolution	Accuracy	Overload protection
20V - 80V	0.1V	+/- (10%rdg + 10dgts)	600Vrms
80V - 600V		+/- (6%rdg + 10dgts)	

- Peak Detect Acquisitions Time<=1ms

Audible continuity

Range	Continuity beeper	Open circuit voltage	Overload protection
	≤ 0.050	$\leq 3.2V$	600Vrms

Resistance (Ω)

Range	Resolution	Accuracy	Frequency range	Overload protection
10K Ω	1 Ω	+/- (1%rdg + 5dgt)	$\leq 3.2V$	600Vrms

Diode test

Range	Resolution	Overload protection
	0.001V	600Vrms

Frequency (Hz)

Range	Resolution	Accuracy	Voltage sensitivity	Overload protection
1KHz	0.1Hz	+/- (0.5%rdg + 5dgt)	10V or 10A	600V / 1100A
5KHz	1Hz			

Optional Accessories: TES-3064 RS-232 Interface Adaptor / Software

GENERAL SPECIFICATIONS

Maximum Voltage between any terminal and earth ground	600Vrms
Numerical Dual Display	4 digit liquid crystal display (LCD) maximum reading 9999.
Bargraph display	40 Segments.
Battery Life	30hr approx. (Alkaline)
Jaw Opening Diameter	Cables $\leq 46mm$.
Operating Temperature and Humidity	0 $^{\circ}C$ to 50 $^{\circ}C$ (32 $^{\circ}F$ to 122 $^{\circ}F$) R.H. < 80% non-condensing.
Storage Temperature and Humidity	-10 $^{\circ}C$ to 60 $^{\circ}C$ (14 $^{\circ}F$ to 140 $^{\circ}F$) R.H. < 70% non-condensing.
Dimensions	260mm(L) x 93mm(W) x 45mm(H)
Weight	Approx. 450g
Accessories	Carrying Case, Test leads, One 9V Battery & Instruction manual