

Power AC/DC Clamp Meter
(1 ϕ 2W,1 ϕ 3W,3 ϕ 3W,3 ϕ 4W)

EN61010-1
600V Installation CAT III
Pollution Degree 2

MODEL TES-3063

- True power / Apparent Power / Power Factor
- RS-232 Interface to talk with PC
- Dual display KW + PF, KVA + PF, V+A
- A + Hz, V + Hz
- Datalogging Capacity (4000 Reding)
- Peak/MAX/MIN function



TES-3063

Specifications for TES-3063

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 + 5dgt)	45Hz - 500Hz	1100A

Crest Factor: <4 for stated accuracy

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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	<=3.2V	600Vrms

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Resistance (Ω)

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

Diode test

Range	Resolution	Overload protection
(\rightarrow)	0.001V	600Vrms

Frequency (Hz)

Range	Resolution	Accuracy	Voltage sensitivity	Overload protection
1KHz	0.1Hz	+/- (0.5%rdg + 5dgts)	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 reding 9999.
Bargraph display	40 Segments.
Battery Life	30hr approx. (Alkaline)
Jaw Opening Diameter	Cables ϕ 46mm.
Operating Temperature and Humidity	0°C to 50°C (32°F to 122°F) R.H. < 80% non-condensing.
Storage Temperature and Humidity	-10°C to 60°C (14°F to 140°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