

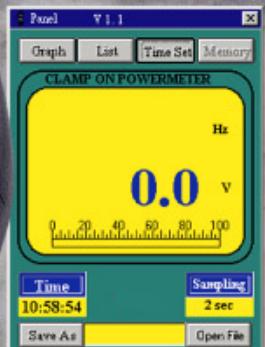


Reliable in Quality

TES-3063 Power AC/DC Clamp Meter (1Ø2W,1Ø3W,3Ø3W, 3Ø4W)

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

COSØ, KVA, KW



E205876
CE CLAMP METER
UL LISTED
81JA

EN61010-1
600V Installation CATIII
Pollution Degree 2



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 f 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
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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 | | +/- 2%+1) | | |

DCA

| Range | Resolution | Accuracy | Overload protection |
|-------|------------|----------------------|---------------------|
| 1000A | 0.1A | +/- 1.5%rdg + 5dgts) | 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 | 600Vrms |

• 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 |

Resistance (Ω)

| Range | Resolution | Accuracy | Frequency range | Overload protection |
|-------|------------|--------------------|-----------------|---------------------|
| 10K Ω | 1 Ω | +/- 1%rdg + 5dgts) | <=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 + 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 reading 9999. |
| Bargraph display | 40 Segments. |

| | |
|---|--|
| Battery Life | 30hr approx. (Alkaline) |
| Jaw Opening Diameter | Cables f 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 | 260mmL x 93mmW x 45mmH |
| Weight | Approx. 450g |
| Accessories | Carrying Case, Test leads, One 9V Battery & Instruction manual |