

DIGITAL DC / AC WATT POWER CLAMP METER 11 FUNCTIONS 21 RANGES

Model - 2760



SPECIAL FEATURES :

- ↳ Installation Categories III
- ↳ Indoor use only
- ↳ Altitude up to 2000 meters
- ↳ Data Hold
- ↳ AutoPower off

GENERAL SPECIFICATIONS :

- * **ACSensing :** Average Sensing
- * **Jawsize:** Cables ϕ 40mm
- * **Display:** 3 $\frac{3}{4}$ Digits 3999 Counts liquid crystal LCD display
- * **Maximum Voltage between any terminal and earth ground :** 750V rms.
- * **Pollution Degree :** 2
- * **Overrange Indication :** LCD will show a "OL" in the highest position.
(Except for ranges of 1000A_{AC}, & 1000V_{DC} or 750V_{AC})
- * **Sampling Rate :** 2.5 times / sec (Digital Display)
- * **Polarity:** Automatic polarity "-" display for negative input
- * **Operating Temperature & Humidity :** 0°C to 40°C; < 80% R.H. Noncondensing.
- * **Storage Temperature & Humidity :** -10°C to 60°C; < 80% R.H. Noncondensing.
- * **Autopower off :** The meter powers off 15 minutes later after the last operating was made. To bring back the display, please turn rotary switch to more positions or push any button.
- * **Power Supply :** 1.5V AA x 2 Alkaline battery.
- * **Dimension :** 228(L) x 76(W) x 39(H) mm.
- * **Weight:** approx. 400 g (Including Battery).

Preliminary Data

ACCESSORIES :

Test leads (pair), AA 1.5V Battery installed, User's Manual, Carrying Case.

ELECTRICAL SPECIFICATIONS - KM 2760

Accuracy are : \pm (% of reading + No. Of Digits) at 18°C to 28°C (64°F to 82°F) with relative humidity to 80%.

The Current error is specified within the largest circle, which can be drawn inside the jaw.

AC CURRENT		Accuracy
Range	Resolution	
400 A	0.1 A	$\pm(2\%rdg + 5dgt)$
1000 A	1 A	

Overload protection : 1100A
Frequency Response : 40-65Hz

DC CURRENT		Accuracy
Range	Resolution	
400 A	0.1 A	$\pm(2\%rdg + 5dgt)$
1000 A	1 A	

Overload protection : 1100Vrms

WATT & COS ϕ TEST		Accuracy
Range	Resolution	
400 KW	0.1 KW	$\pm(3.5\%rdg + 30dgt)$
40 KW	0.01 KW	

COS ϕ 0.01 0.3 - 1

AC VOLTAGE		Accuracy
Range	Resolution	
4 V	0.001 V	$\pm(1.0\%rdg + 5dgt)$
40 V	0.01 V	

400 V 0.1 V
750 V 1 V $\pm(1.5\%rdg + 5dgt)$

Input Impedance : 10M Ω Overload

protection : 820Vrms

Frequency Response :

40Hz ~ 450Hz for 400V and below.

40Hz ~ 100Hz for 750V

DC VOLTAGE		Accuracy
Range	Resolution	
4 V	0.001 V	$\pm(0.8\%rdg + 2dgt)$
40 V	0.01 V	

400 V 0.1 V
1000 V 1 V $\pm(1.0\%rdg + 2dgt)$

Input Impedance : 10M Ω

Overload protection : 1100Vrms

RESISTANCE(Ω)

Range	Resolution	Accuracy
400 Ω	0.1 Ω	$\pm(1.2\%rdg + 5dgt)$
4 k Ω	0.1 Ω	
40 k Ω	0.1 Ω	$\pm(1.0\%rdg + 2dgt)$
400 k Ω	0.1 Ω	
4 M Ω	0.1 k Ω	$\pm(2\%rdg + 5dgt)$
40 M Ω	0.1 k Ω	

Overload protection : 250Vrms

DIODE / AUDIBLE CONTINUITY	
Range	Description
•	Display read approx. Forward voltage of diode. Accuracy : $\pm(3.0\%rdg + 3dgt)$

If the resistance is less than 50 Ω , the beeper sounds

continuously.

Overload protection : 250V RMS