

FEATURES

- **DC Voltage** 1500V / AC 750V for solar power system & power equipment management.
- **6000 count LCD**
- **AC / DC auto scanning**
- **AC / DC μ A** : 600.0 μ A ~ 6000 μ A
- **AC / DC mA** : 60.00mA ~ 600.0mA
- **Resistance** : 600.0 Ω ~ 60.00M Ω
- **Capacitance** : 6.000nF ~ 60.00mF
- **Frequency** : 6.000kHz ~ 100.0kHz
- **Diode Continuity function**
- **VA Hz function for voltage & Current**
- **Range change function**
- **Data Hold**
- **Low battery indication**
- **Auto power off**
- **Operating temperature** : 0 ~ 40°C
- **Relative Humidity** : 80% max.

GENERAL SPECIFICATIONS :

- **Dimension** : Approx. 221(L) X 110(W) X 57(D) mm
- **Weight** : Approx. 513g.(Battery included)
- **Power Supply** : 1.5V (AA) X 2 Alkaline battery.
- **Accessories** : User Manual, Test Leads, Alligator Clips, Hand Strap & Batteries.
- **Safety Standard** : IEC/EN61010-1, CAT III 1000V
IEC/EN61010-1, CAT IV 600V
EN61326-1

NEW**MODEL- KM 8002****CAT III 1000V
CAT IV 600V**

Preliminary Data



• For measuring solar, PV systems

**Hand strap**

ELECTRICAL SPECIFICATIONS : KM 8002

DC Voltage

Ranges	Resolution	Accuracy
600mV	1mV	$\pm(0.5\%rdg+5dgt)$
6V	1mV	
60V	10mV	
600V	100mV	
1000V for CE	1V	
1500V for general	1V	

- Input impedance : 10M Ω

AC Voltage

Ranges	Resolution	Accuracy
600mV	0.1mV	$\pm(1.0\%rdg+5dgt)$
6V	1mV	
60V	10mV	
600V	100mV	
750V	1V	

- Input impedance : 10M Ω

DC mA / μ A

Ranges	Resolution	Accuracy
600 μ A	0.1 μ A	$\pm(1.2\%rdg+5dgt)$
6000 μ A	1 μ A	
60mA	0.01mA	
600mA	0.1mA	

- Overload protection 0.6A/1000V fast blow fuse for 600mA.

AC mA / μ A

Ranges	Resolution	Accuracy
600 μ A	0.1 μ A	$\pm(1.5\%rdg+3dgt)$
6000 μ A	1 μ A	
60mA	0.01mA	
600mA	0.1mA	

- Overload protection 0.6A/1000V fast blow fuse for 600mA.

Resistance

Ranges	Resolution	Accuracy
600 Ω	0.1 Ω	$\pm(1.2\%rdg+3dgt)$
6k Ω	1 Ω	
60k Ω	10 Ω	
600k Ω	100 Ω	
6M Ω	1k Ω	
60M Ω	10k Ω	$\pm(2.3\%rdg+4dgt)$

Capacitance

Ranges	Resolution	Accuracy
6nF	1pF	$\pm(3\%rdg+10dgt)$
60nF	10pF	
600nF	100pF	
6 μ F	1nF	
60 μ F	10nF	
600 μ F	100nF	
6mF	1 μ F	
60mF	10 μ F	

Frequency

Ranges	Resolution	Accuracy
6kHz	1Hz	$\pm(0.5\%rdg+2dgt)$
60kHz	10Hz	
100kHz	100Hz	

Continuity

Range	Audible threshold
600 Ω	Less than 30 Ω

Diode

Range	Accuracy
2V	$\pm(1.5\%rdg+3dgt)$



All Specifications are subject to change without prior notice