

# 1000A AC TRUE RMS DIGITAL CLAMP METER MODEL- KM-4000

## ■ FEATURES:

KM-4000 is a 6000-count digital clamp meter with auto range, large LCD, true RMS, autoscale memory, and NCV functions. They conform to CAT III 1000V/ CAT IV 600V safety rating and certified by CE/ETL. KM-4000 has LoZ mode for eliminating 'ghost' voltage, LPF ACV function for measuring INV and VFD voltage, and Inrush current mode for capturing transient current. The KM-4000 also features high-precision temperature measurement with 0.1 °C resolution, and can be equipped with a flexible current probe to extend the AC current measurement range to 3000A.

- True RMS
- Flashlight
- NCV (audible/visual alarm)
- Data hold/backlight
- Max/Min/ relative mode
- Diode/ Continuity test
- Inrush current
- Optional Flex Clamp (3000A) (KM-CCT3K).
- 6000 Counts display
- LPF ACV
- LoZ ACV
- 31 Analog Bar Graph
- Jaw opening: 42mm
- CAT III 1000; CAT IV 600V

## ■ SPECIFICATIONS:

Functions	Range	Accuracy
AC current (A)( 50Hz~60Hz)	1000A	±(2%+5)
Inrush current (A)	1000A	±(10%+10)
AC Voltage (V) (40Hz~400Hz)	1000V	±(1.2%+3)
DC Voltage (V)	1000V	±(0.5%+5)
Low pas filter (LPF ACV)	1000V	±(2%+5)
LoZ ACV	1000V	±(2%+5)
Resistance (Ω)	60MΩ	±(1%+2)
Capacitance (F)	60mF	±(4%+5)
Temperature	-40°C~1000°C	±(1%+2)
	-40°C~1832°F	±(1%+4)
Low voltage frequency (Hz)	10Hz~1MHz	±(0.1%+3)
Duty cycle(%)	10%~90%	±(2.6%+7)

## ■ GENERAL CHARACTERISTICS

Power	1.5V battery x 3
Display	43mm x 45mm
Weight	465gms Approx.
Dimension (W xHxD)	272mm x 81mm x 43.5mm
Standard Accessories	Test leads, batteries, point contact temperature probe, Manual



Preliminary Data



Inrush Current Capture

All Specifications are subject to change without prior notice.