

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

■ GENERAL CHARACTERISTICS

Power	1.5V battery x 3
Display	43mm x 45mm
Weight	465gms Approx.
Dimension (W x H x D)	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.