

1000A AC/DC TRUE RMS DIGITAL CLAMP METER MODEL- KM 4002

■ FEATURES:

KM-4002-1000A True RMS Digital Clamp Meter are 6000-count digital clamp meters 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-4002 come with 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-4002 also feature 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).
- 31 Analog Bar Graph
- 6000 Counts display
- Jaw opening: 42mm
- Zero Mode Function
- LPF ACV
- LoZ ACV
- CAT III 1000; CAT IV 600V

■ SPECIFICATIONS:

Functions	Range	Accuracy
AC current (A) (40Hz~400Hz)	1000A	±(2%+5)
DC current (A)	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 pass 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	420gms 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



Flashlight button: Short press this button to turn on/off the flashlight.



Flexible current probe (optional) to extend the AC current measurement range to 3000A



Inrush Current Capture



NCV Multi-Segment Display & Audio/Visual alarm

All Specifications are subject to change without prior notice.