

CAT IV Professional AC/DC Clamp Meter



Technical Datasheet



K2056R

The K2056R is one of the first meters designed to meet international safety standard IEC 61010-1 CAT IV 600V to meet the demands for measuring voltage and current spikes. As electrical distribution systems become more complex, the chances of voltage spikes are always increasing, and these spikes are superimposed to normal mains voltage waveform. The instrument is not purposely designed to withstand these high voltage spikes, it will blow and a potential arc blast can create a life threatening situation for the end user. The K2056R is a digital clamp meter with the capability to read current up to 1000A AC/DC. The K2056R model features the ability to utilize True RMS measurements, providing greater accuracy on non-sinusoidal waveforms, thus useful for power distribution companies, power utilities and maintenance fields.

Features Include:

- Measures AC and DC Current to 1000A
- Measures AC and DC Voltage to 600V
- Resolution 0,1A
- Capacitance to 4mF
- Temperature measurement in °C or °F
- Continuity Buzzer and Diode Test
- Relative Mode
- Peak Hold
- Data Hold
- MIN/MAX recording mode
- 6039 Count LCD with 61 segment bargraph
- Conductor size Ø40mm
- 600V Input protection
- Auto Power Off
- Overmould rubber housing
- Backlight for dimly lit areas
- Double Moulded housing provides comfortable palm grip

Function	Range	Accuracy
Jaw size	40mm	
DC Current	600A - 1000A	±(1.5% +5)
AC Current	600A - 1000A	±(2.0% +5)
DC Voltage	600mV - 600V	±(1.0% +3)
AC Voltage	6V - 600V	±(1.5% +4)
Resistance	600Ω - 60MΩ	±(1.5% +5)
Frequency	1Hz - 10kHz	±(0.5% +5)
Capacitance	40nF - 4000μF	±(2.5% +20)
Temperature	-50 to 700°C	±(5.0°C +3)
Duty Cycle	0.1 TO 99.9%	±(2.5% +5)
Size (L x W x D)	254 x 82 x 36mm	
Weight	310g	



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