

True RMS Clamp Meter with Temperature

CMM-2033



EASE TO USE, RELIABILITY AND ACCURACY

Commercial Electric CMM-2033 is with rugged and robust housing for durable use. It is also with strong meter stand, allows you free your hand and convenient to read the measuring data during measurement. It is your ideal meter on trouble shooting for everyday use.

ACCURACY WITH TRUE RMS TECHNOLOGY

Provides accurate voltage and current data when measuring complex AC signals.

CONVENIENT TEMPERATURE MEASUREMENTS AT YOUR FINGERTIPS

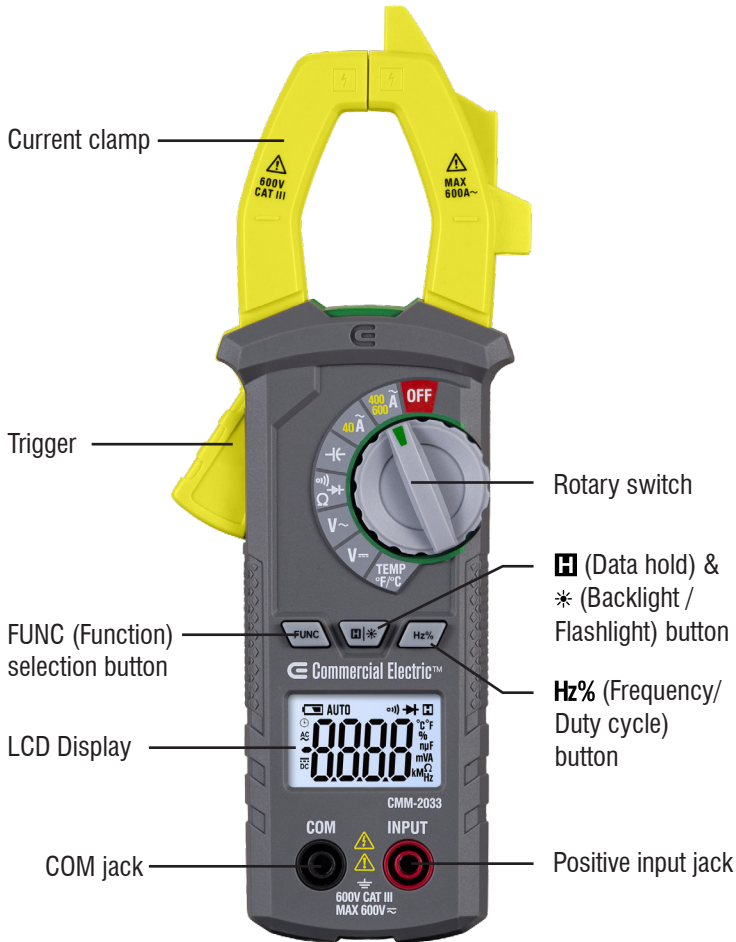
Built-in temperature measurement function conveniently allows you to take temperature measuring without carrying separate instruments.

Your ideal trouble-shooting tools in daily use.


The Commercial Electric CMM-2033 is a true RMS clamp meter made to provide good performance on current measurement situations. With true RMS technology, the Commercial Electric CMM-2033 can provide more accurate AC voltage and current readings in complex electrical environment which is full of non-sinusoidal signals harmonics and variable speed drives. Additional, CMM-2033 clamp meter is compatible with temperature measurement function, it allows you to take temperature measurement without carrying additional instruments.



Product Layout



PRODUCT SPECIFICATIONS

Function	Measuring Range	Resolution	Accuracy
AC CURRENT SPECIFICATIONS	40.00A	0.01A	± (2.5% of rdg + 5 digits)
	400.0A	0.1A	
	600A	1A	
Frequency Range: 50Hz - 60Hz All AC Current ranges are specified from 5% of range to 100% of range. Response: True RMS			
AC VOLTAGE SPECIFICATIONS	4.000V	0.1mV	± (1.0% of rdg + 5 digits)
	40.00V	10mV	
	400.0V	0.1V	
	600V	1V	
Input Impedance: 10MΩ Overload Protection: 600V DC or AC RMS Maximum Input Voltage: 600V AC All AC voltage ranges are specified from 5% of range to 100% of range. AC voltage bandwidth: 40 to 400Hz (Sine); 50/60Hz (All wave). Response: True RMS			
DC VOLTAGE SPECIFICATIONS	4.000V	0.1mV	± (0.8% of rdg + 3 digits)
	40.00V	10mV	
	400.0V	0.1V	
	600V	1V	
Positive Input Impedance: 10MΩ Overload Protection: 600V DC or AC RMS Maximum Input Voltage: 600V DC			
FREQUENCY SPECIFICATIONS	50.00Hz	0.01Hz	± (1.0% of rdg + 5 digits)
	500.0Hz	0.1Hz	
	5kHz	1Hz	
	10.00kHz	0.01kHz	
	50.00kHz	0.01kHz	
	100.0kHz	0.1kHz	
Measuring Scope: 10-100kHz Input Signal Range: ≥15V AC RMS (input current will increase when the frequency to be measured increases) Overload Protection: 600V DC or AC RMS			
RESISTANCE SPECIFICATIONS	400.0Ω	0.1Ω	± (1.0% of rdg + 5 digits)
	4kΩ	1Ω	
	40kΩ	10Ω	
	400kΩ	100Ω	± (2.0% of rdg + 5 digits)
	4MΩ	1kΩ	
	40MΩ	10kΩ	
Overload Protection: 250V DC or AC RMS			
CAPACITANCE SPECIFICATIONS	5.000nF	0.001nF	± (5.0% of rdg + 30 digits)
	50.00nF	0.01nF	
	500.0nF	0.1nF	
	5.000μF	1nF	± (3.0% of rdg + 3 digits)
	50.00μF	0.01μF	
	100.0μF	0.1μF	
Overload Protection: 250V DC or AC RMS			
DIODE SPECIFICATIONS	3.2V	0.001V	Display forward voltage drop of diode
Overload Protection: 250V AC RMS or 250V DC			
DUTY CYCLE SPECIFICATIONS	0.1% - 99.9%	0.1%	±2.0%
DIODE SPECIFICATIONS	3.2V	0.001V	Displays the approximate diode forward voltage value.
	Forward DC current is about 1mA Backward DC voltage is about 3.2V Overload Protection: 250V DC or AC RMS		
TEMPERATURE SPECIFICATIONS	-4°F - 1832°F	1°F	± (3.0% of rdg + 9 digits)
Overload Protection: 250V DC or 250 V AC RMS			
AUDIBLE CONTINUITY SPECIFICATIONS		0.1Ω	If the resistance of the circuit to be measured is less than 50Ω, the meter's built-in buzzer will sound.
	Open Circuit Voltage: Approximately 1V Overload Protection: 250V DC or AC RMS		
TEMPERATURE SPECIFICATIONS	-4 °F to 1,832 °F	1°F	± (3.0% of rdg + 5 °F)
	-20 °C to 1,000 °C	1°C	± (3.0% of rdg + 1 °C)

INCLUDES

- Meter
- Test Leads
- 3 x AAA 1.5V Batteries
- K-Type Temperature Probe
- Velcro Strap
- User Manual

WARRANTY

12-month



Questions, problems, missing parts? Before returning to the store, call Commercial Electric Customer Service
8 a.m. - 7 p.m., EST, Monday - Friday, 9 a.m. - 6 p.m., EST, Saturday
1-877-527-0313
HOMEDEPOT.COM

Specifications subject to change without notice.