

1000A AC/DC CLAMP METER

CM810

The Stellar Instruments CM810 True RMS AC/DC Clamp Meter is a professional electrical testing instrument designed for accurate measurement of AC/DC voltage, AC/DC current, resistance, capacitance, frequency, continuity, and temperature. With True RMS measurement, dual display, and auto/manual ranging, it is suitable for industrial electrical maintenance, troubleshooting, and field service applications.

It is rated CAT IV 600V / CAT III 1000V, making it suitable for safe use in demanding electrical environments. An optional flexible current probe can also be used for measuring higher current ranges up to 3000A.

FEATURES

- True RMS AC/DC clamp meter
- Dual display for convenient reading
- IP54 waterproof protection
- Auto and manual ranging selection
- AC+DC measurement function
- Safety rating: CAT IV 600V / CAT III 1000V
- Optional flexible current probe measurement up to 3000A



TECHNICAL SPECIFICATION

Function	Range	Resolution	Accuracy
DC Voltage	60V/600V/1000V	0.01V/0.1V/1V	$\pm 1\%rdg + 2dgts$
AC Voltage	60V/600V/1000V	0.01V/0.1V/1V	$\pm 1.2\%rdg + 5dgts$
DC+AC Voltage	60V/600V/1000V	0.01V/0.1V/1V	$\pm 1.5\%rdg + 5dgts$
DC Current	300A/1000A	0.1A/1A	$\pm 2\%rdg + 5dgts$
AC Current	300A/1000A	0.1A/1A	$\pm 2.5\%rdg + 5dgts$
DC+AC Current	300A/1000A	0.1A/1A	$\pm 3\%rdg + 5dgts$
Flex Current(Optional)	300A/3000A	0.1A/1A	$\pm 3\%rdg + 5dgts$
Ohms	600 Ω /6K Ω /60K Ω /600K Ω	0.1 Ω /0.001K Ω /0.01K Ω /0.1K Ω	$\pm 1.2\%rdg + 3dgts$
Continuity	Buzzer < 15 Ω	0.1 Ω	$\pm 1.2\%rdg + 3dgts$
Capacitance	6uF/60uF/600uF/6mF	0.001uF/0.01uF/0.1uF/0.001mF	$\pm 3.5\%rdg + 10dgts$
Temp(K thermocouple)	-100 $^{\circ}$ C~500 $^{\circ}$ C/-148 $^{\circ}$ F~932 $^{\circ}$ F	0.1 $^{\circ}$ C/0.1 $^{\circ}$ F	$\pm 0.5\%rdg + 3.5^{\circ}$ C/6.0 $^{\circ}$ F
Hz (Current)	1000Hz/10KHz	0.1Hz/0.001KHz	$\pm 0.2\%rdg + 2dgts$
Hz (Voltage)	1000Hz/10KHz/100KHz	0.1Hz/0.001KHz/0.01KHz	$\pm 0.2\%rdg + 2dgts$
LoZ Voltage	60V/600V	0.01V/0.1V	$\pm 3\%rdg + 5dgts$
Display	4 digital Liquid display, Maximum reading 6000		
Jaw Opening Diameter	35 mm max.		
Sampling Rate	2 times/sec		
Battery	1.5V size AAA battery x 3		
Dimensions	259 x 89 x 42.5 mm		
Weight	392g		