

AC Open-Jaw Clamp Meter

TENMA™
**RoHS
Compliant**


Features

- Compact Size
- 4000 Counts LCD Display with Backlight
- 200A AC Current
- Non-contact Voltage
- Data Hold
- REL Mode
- Auto Power Off
- Low Battery Indication
- 1.2" (30mm) Jaw Opening

Specifications

Function	Range	Accuracy (% of reading + digits)	Resolution
DC Voltage	4V	$\pm(1.5\% + 2d)$	1mV
	40V	$\pm(1.5\% + 2d)$	10mV
	400V	$\pm(1.5\% + 2d)$	100mV
	600V	$\pm(2\% + 2d)$	1V

 Input Impedance : 10M Ω

Over range protection : 600V DC or 600V AC rms

Function	Range	Accuracy (% of reading + digits)	Resolution
AC Voltage	4V	$\pm(2\% + 5d)$	1mV
	40V	$\pm(1.5\% + 2d)$	10mV
	400V	$\pm(1.5\% + 2d)$	100mV
	600V	$\pm(2\% + 2d)$	1V

 Input Impedance : 10M Ω

Over range protection : 600V DC or 600V AC rms

Frequency Response : 50Hz ~ 400Hz

Function	Range	Accuracy (% of reading + digits)	Resolution
AC Current	200A	$\pm(3\% + 5d)$	100mA

Over range protection : Maximum input 200A

Frequency Response : 50Hz~60Hz

Function	Range	Accuracy (% of reading + digits)	Resolution
Resistance	400 Ω	$\pm(1.0\% + 4d)$	0.1 Ω
	4k Ω	$\pm(1.5\% + 4d)$	1 Ω
	40k Ω	$\pm(1.5\% + 4d)$	10 Ω
	400k Ω	$\pm(1.5\% + 4d)$	100 Ω
	4M Ω	$\pm(2.5\% + 4d)$	1k Ω
	40M Ω	$\pm(3.5\% + 4d)$	10k Ω

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Over range protection : 250V DC or 250V AC rms

Function	Range	Accuracy (% of reading + digits)	Resolution
Frequency	40Hz	$\pm(1.0\% + 2d)$	0.01Hz
	400Hz	$\pm(1.2\% + 2d)$	0.1Hz
	4KHz	$\pm(1.2\% + 2d)$	1Hz
	40KHz	$\pm(1.2\% + 2d)$	10Hz
	400KHz	$\pm(1.2\% + 2d)$	100Hz
	10MHz	$\pm(1.2\% + 2d)$	100Hz

Input sensitivity : 10mV rms

Over range protection : 300V DC or 300V AC rms

Function	Range	Accuracy (% of reading + digits)	Resolution
Duty Cycle	0.1%~99.9%	$\pm 1.2\%$ of rdg ± 2 dgts	0.1%

Sensitivity : <0.5V rms

Pulse width : >100 μ s, <100ms

Overload protection : 300V DC or 300V AC rms

Function	Range	Accuracy (% of reading + digits)	Resolution
Temperature	-20°C to 760°C	$\pm(3.0\% \pm 5^\circ\text{C})$	0.1°C
	4°F to 1400°F	$\pm(3\% \pm 8^\circ\text{F})$	1°F

Sensor : K Type banana Plug

Over range protection : 250V DC or 250V AC rms

Function	Range	Accuracy (% of reading + digits)	Resolution
Capacitance	4nF	$\pm(5\% + 20d)$	0.1nF
	40nF	$\pm(3.0\% + 5d)$	1nF
	400nF	$\pm(3.0\% + 5d)$	10nF
	4 μ F	$\pm(3.0\% + 5d)$	100nF
	40 μ F	$\pm(3.0\% + 5d)$	1 μ F
	100 μ F	$\pm(5.0\% + 10d)$	10 μ F

Over range protection : 250V DC or 250V AC rms

Capacitance	Over range protection: 250V DC or 250V AC rms
	Over range protection: 250V DC or 250V AC rms

Part Number Table

Description	Part Number
AC Open-Jaw Clamp meter, 200A, 30mm Jaw	72-14440

