



Product Datasheet

English

Stock No: 201-0209

True RMS Flexible AC Current Clamp meter

EN



1. Introduction

1-Congratulations on your purchase of the True RMS Flexible AC Current Clamp meter.

2. The True RMS AC/DC Current Clamp meter features:

- Auto Power OFF
- Data Hold
- Inrush
- Frequency
- Data logger
- Backlit LCD display
- Bluetooth wireless transmit

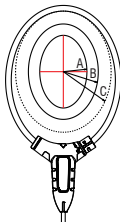
3. Specifications

Function	Range	Resolution	Accuracy (% of reading + digits)
AC Current 50 ~ 400Hz True RMS	30.00A AC	0.01A	$\pm(3.0\% + 8d)$
	300.0A AC	0.1A	$\pm(3.0\% + 5d)$
	3000A AC	1A	$\pm(3.0\% + 5d)$

Note: Accuracy is given as \pm (% of reading + counts of least significant digit) at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, with relative humidity less than 80%RH.

Position Error of clamp:

Accuracy and position error assumes centralized primary conductor at optimum position, no external electrical or magnetic field, and within operating temperature range.



	Flexible coil radius(mm)	Error	
Distance from Optimum(mm)	A	35	1.0%
	B	50	1.5%
	C	60	2.0%

4. General Specifications

Display	3000 counts backlit LCD
Low Battery indication	is displayed
Over-range indication	" OL " display
Operating Temperature	5°C to 40°C (41°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Operating Humidity	Max 80% up to 31°C (87°F)decreasing linearly to 50% at 40°C(104°F)
Storage Humidity	< 80%
Operating Altitude	7000ft. (2000meters)maximum.
Battery	1.5V "AAA" Size Battery x 2
Auto power OFF	After approx. 15 minutes
Safety Standard	EN61010-1, EN61010-2-032, EN61326-1. Overvoltage Category III 1000V and Category IV 600V, Pollution Degree 2.

Accessories:

Gift box with carrying case, 1.5V AAA x 2 batteries, APP Software.