



Product Datasheet

ENGLISH

**Stock No: 123-1936, 1231936, 1231983,
1231984, 1231985, 1231986, 1231987,
1231988, 1231989**

RS PRO AC CLAMP METER

EN



Features

400A AC current measurement

Max. Resolution to Current measurement: 1mA

2000 LCD display counts

Display with backlight

Data Hold

Max Hold

Auto Power Off

Low battery indication

0.9" (23mm) Jaw size

Specifications

Function	Range & Resolution	Accuracy (% of reading)
AC Current	2.000 AAC	$\pm (2.5\% + 10 \text{ digits})$
	20.00 AAC	$\pm (2.5\% + 4 \text{ digits})$
	200.0 AAC	
	400 AAC	$\pm (3.0\% + 4 \text{ digits})$
DC Voltage	200.0 mVDC	$\pm (0.5\% + 5 \text{ digits})$
	2.000 VDC	$\pm (1.2\% + 3 \text{ digits})$
	20.00 VDC	
	200.0 VDC	
	600 VDC	$\pm (1.5\% + 3 \text{ digits})$
AC Voltage	200.0 mVAC	$\pm (1.5\% + 30 \text{ digits})$
	2.000 VAC	$\pm (1.5\% + 3 \text{ digits})$
	20.00 VAC	
	200.0 VAC	
	600 VAC	$\pm (2.0\% + 4 \text{ digits})$

Resistance	200.0Ω	±
	2.000KΩ	± (1.5% + 2 digits)
	20.00KΩ	
	200.0KΩ	± (2.0% + 3 digits)
	2.000MΩ	
	20.00MΩ	± (3.0% + 5 digits)

Note: No Autoranging on the 200mV AC Voltage Range.

Clamp size	Opening 0.9" (23mm) approx
Diode Test	Test current of 0.3mA typical; Open circuit voltage 1.5V DC typical.
Continuity Check	Threshold <120Ω; Test current < 1mA
Low Battery Indication	"BAT" is displayed
Overrange Indication	"OL " is displayed
Measurements Rate	2 per second, nominal
Input Impedance	7.8MΩ (VDC and VAC)
Display	3-1/2 digits (2000 counts) LCD
AC Current bandwidth	50/60Hz (AAC)
AC Voltage bandwidth	50/400Hz (VAC)
Operating Temperature	14 to 122°F (-10 to 50°C)
Storage Temperature	-14 to 140°F (-30 to 60°C)
Relative Humidity	90%(0°C to 30°C); 75%(30°C to 40°C); 45% (40°C to 50°C)
Altitude	Operating: 3000m; Storage 10,000m
Over voltage	Category III 600V
Battery	2 x 1.5V "AAA" batteries.
Auto OFF	approx. 15 minutes
Dimensions/Weight	200x50x35mm/200g
Safety	Indoor use only Pollution Degree 2 Installation Category III

Accessories:

Test leads, gift box with carrying case, User manual and Two "AAA" 1.5V batteries.