



AC/DC 400A True RMS Clamp On Meter

KANE49B

True RMS Digital Clamp On Meter



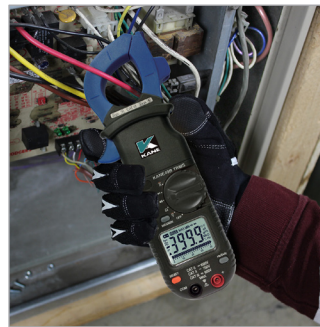
Functions

- True RMS
- 400A AC/DC, with 0.01A resolution
- 1000V DC/750V AC
- Resistance 40M Ω
- Frequency
- Duty cycle

Features

- Data hold
- Min/Max (25ms fast capture)
- Auto power off
- Min/Max with (25ms fast capture)
- Test lead storage
- 3-Year limited warranty

Applications



Includes

- Silicon test leads 2 (ATL57)
- Alligator clips 2 (AAC)
- Batteries 2 (AAA)
- Zippered case
- Manual (17131)



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Specifications

AC Current Measurement

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	± (2.9% + 15 digits)	600V RMS
400A	0.1A	± (1.9% + 8 digits)	

True RMS: 45Hz to 400Hz

* Minimum Current for Clamp Measurement: 0.2A

DC Current Measurement

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	± (2.5% + 15 digits)	600V RMS
400A	0.1A	± (1.5% + 8 digits)	

True RMS: 45Hz to 400Hz

* Minimum Current for Clamp Measurement: 0.2A

Resistance: <40MΩ

Range	Resolution	Accuracy	Overload Protection
400Ω	0.1Ω	± (1.0% + 4 digits)	600V RMS
4kΩ	1Ω		
40kΩ	10Ω		
400kΩ	100Ω		
4MΩ	1kΩ		
40MΩ	10kΩ	± (2.0% + 4 digits)	

DC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
400mV	0.1mV	± (0.5% + 4 digits)	1000V
4V	1mV		
40V	10mV		
400V	100mV		
1000V	1V	± (0.8% + 10 digits)	

Overload Protection: 1000V

AC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
400mV	0.1mV	± (2.0% + 5 digits)	750V RMS
4V	1mV		
40V	10mV		
400V	100mV		
750V	1V		

True RMS: 45Hz to 400Hz

Continuity

Overload	Open Circuit Voltage
600V RMS	< 0.44V

Threshold Approx : < 40Ω

Diode Test

Overload	Range	Test Current	Open Circuit Voltage
600V RMS	2.0V	Appx. 0.25mA	< 1.6V DC

Range	Resolution	Accuracy	Overload Protection
99.99Hz	0.01Hz	± (0.1% + 4 digits)	600V RMS
999.9Hz	0.1Hz		
9.999kHz	1Hz		
99.99kHz	10Hz		

Duty Cycle

Range	Accuracy	Overload Protection
1.0 ~ 99.0%	± (0.2% per kHz + 0.1% + 5 digits)	600V RMS