

1000A True RMS Industrial Clamp-On Meter



Functions

- True RMS
- 1000A AC/DC
- 1000V AC/DC
- Continuity
- Capacitance
- Frequency
- Diode test

Features

- True RMS
- LRA Inrush current measurement
- Data hold
- Min/Max
- Relative/DC A Zero mode
- High contrast backlit display
- Auto/ Manual ranging
- Magnetic mount
- Bargraph
- Auto power off
- 2-Year limited warranty

**RoHS
Compliant**

Applications

- Measure linear electrical loads
- Control voltage or system board voltage checks
- Circuit continuity or specified resistance
- Motor run or start faults
- Quick check of live wires
- Diode test malfunctions/ unbroken paths
- Motor inrush





Includes

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

Specifications

AC Volts Measurement

Range	Resolution	Accuracy	Overload Protection
400mV	0.1mV	± (2.0% + 5 digits)	1000V RMS
4V	1mV		
40V	10mV		
400V	100mV		
1000V	1V		

True RMS: 45Hz to 400Hz

DC Volts Measurement

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

True RMS: 45Hz to 400Hz

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)	

Capacitance (MFD)

Range	Resolution	Accuracy	Overload Protection
40.00nF	0.01nF	± (3.5% + 6 digits)	600V RMS
400.0nF	0.1nF		
4.000uF	0.001μF		
40.00uF	0.01μF		
400.0uF	0.1μF		
2000uF	1μF		

Continuity

Overload Protection	Open Circuit Voltage
600V RMS	< 0.44V

Threshold Approx : < 40Ω

DC Low Amps Measurement - Test lead input

Range	Resolution	Accuracy	Overload Protection
400μA	0.1μA	± (1.2% + 3 digits)	2000μA / 600V RMS
2000μA	1μA		

True RMS: 45Hz to 400Hz (Crest factor < 3 : 1)

AC Low Amps Measurement - Test lead input

Range	Resolution	Accuracy	Overload Protection
400μA	0.1μA	± (2.0% + 5 digits)	2000μA / 600V RMS
2000μA	1μA	± (1.5% + 5 digits)	

True RMS: 45Hz to 400Hz (Crest factor < 3 : 1)

Diode Test

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

DC Amps Measurement

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	± (2.5% + 15 digits)	1000V RMS
400A	0.1A	± (1.5% + 8 digits)	
1000A	1A	± (1.5% + 8 digits)	

True RMS: 45Hz to 400Hz

AC Amps Measurement

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	± (2.9% + 15 digits)	1000V RMS
400A	0.1A	± (1.9% + 8 digits)	
1000A	1A	± (1.9% + 8 digits)	

True RMS: 45Hz to 400Hz

Contact:
 Industrial Process Measurement, Inc.
 3910 Park Avenue, Unit 7
 Edison, NJ 08820
 732-632-6400
 support@instrumentation2000.com
<http://www.instrumentation2000.com>

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