REED INSTRUMENTS

AC/DC Clamp Meter
Model **R5050**

TECHNICAL DATA

Features

- Measures AC/DC current/voltage, resistance and frequency
- 4000-count LCD display with analog bargraph
- Low battery and overrange indicators
- True RMS measurements
- Min/Max, display hold, peak hold and relative mode
- Diode test and continuity check functions
- Cat. III 600V, Cat. II 1000V safety rating
- Includes test leads, battery, and soft carrying case

Model	Description
R5050	AC/DC Clamp Meter
R2990	Thermocouple Adapter
R5400	Line Splitter
R1000	Safety Test Lead Set, Double Insulated
R1020	Fused Test Lead Set
CA-05A	Soft Carrying Case
R9940	Hard Shell Carrying Case
R5050-NIST	AC/DC Clamp Meter & NIST

Specifications

AC/DC Current

Range:	40, 400, 1000A
Accuracy:	AC: ±(1.9% rdg. +5 dgt.) DC: ±(2.5% rdg. +10 dgt.)
Resolution:	0.01, 0.1, 1A

AC/DC Voltage

Range:	AC: 400, 750V DC: 400, 1000V
Accuracy:	AC: ±(1.5% rdg. +5 dgt.) DC: ±(1% rdg. +2 dgt.)
Resolution:	0.1, 1V

Resistance

Range:	400, 4000Ω
Accuracy:	±(1% rdg. +3 dgt.)
	0.1, 1Ω

Frequency

Range:	4kHz, 10kHz
Accuracy:	±(0.1% rdg. +1 dgt.)
Resolution:	1Hz, 10Hz

General Specifications

Range Selection:	Autoranging / Manual
True RMS:	Yes
Display:	4,000 count LCD display
Display Hold:	Yes
Max/Min:	Yes
Peak Hold:	Yes
Zero Push Button Adjustment:	Yes
Relative Mode:	Yes
Diode Test:	Yes
Analog Bargraph:	Yes (42-segment)
Continuity Check:	Audible signal if resistance <100Ω
Autoshut off:	Yes (after 30 mins)
Power Supply:	9V Battery
Low Battery Indicator:	Yes
Jaw Opening:	1.5" (40mm), up to 500 MCM
Overvoltage Category:	CAT. III 600V, CAT. II 1000V
Product Certifications:	CE
Operating Temperature:	32 to 104°F (0 to 40°C)
Storage Temperature:	14 to 140°F (-10 to 60°C)
Dimensions:	9.5 x 2.6 x 1.4" (242 x 66 x 36mm)
Weight:	14oz (400g)

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1-877-849-2127 | info@reedinstruments.com | www.reedinstruments.com