

TECHNICAL DATA

Features

- Measures AC/DC current/voltage, resistance and capacitance
- High resolution 0.1mA (AC) and 1mA (DC)
- True RMS for AC current/voltage
- 6000-count backlit LCD display
- Built-in non-contact voltage detector with LED indicator
- V.F.C (variable frequency control) mode for air-conditioner maintenance and diagnostics
- Low battery and over range indicators
- Diode test and continuity check functions
- Durable double molded plastic housing
- CAT. II 600V, CAT. III 300V safety rating
- Auto shut-off
- Includes test leads, soft carrying case and batteries

Specifications

AC/DC Current

Range:	AC: 600mA, 6000mA, 60mA / V.F.C 600mA-60A DC: 6000mA, 60A
Accuracy:	AC (@ 50/60Hz): 600mA ±(1.5% rdg. +10 dgt.) 6000mA ±(2.5% rdg. +5 dgt.) 60A ±(2% rdg. +5 dgt.) V.F.C ±(4% rdg. +10 dgt.) DC: 6000mA ±(2% rdg. +5dgt.) 60A ±(2% rdg. +3 dgt.)
Resolution:	AC: 0.1mA, 1mA, 0.01A / 0.1mA, 0.01A DC: 1mA, 0.01A

AC/DC Voltage

Range:	AC: 6, 60, 600V / V.F.C 200-600V DC: 600mV, 6, 60, 600V
Accuracy:	AC: ±(0.8% rdg. +3 dgt.) / ±(4.0% rdg. +3 dgt.) DC: 600mV ±(0.7% rdg. +5 dgt.) ±(0.7% rdg. +3 dgt.)
Resolution:	AC: 1mV, 10mV, 0.1V, 1V / 0.1V DC: 10µV, 1mV, 10mV, 0.1V, 1V



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Resistance

Range: 600Ω, 6kΩ, 60kΩ, 600kΩ, 6MΩ, 60MΩ

Accuracy: 600Ω: ±(1% rdg. +2 dgt.)
6/60/600kΩ: ±(0.8% rdg. +2 dgt.)
6MΩ: ±(1.2% rdg. +3 dgt.)
60MΩ: ±(1.5% rdg. +5 dgt.)

Resolution: 0.1Ω, 1Ω, 10Ω, 100Ω, 1kΩ, 10kΩ

Capacitance

Range: 6nF, 60nF, 600nF, 6μF, 60μF, 600μF, 6mF, 60mF

Accuracy: 6.200nF ±(4%+10)
62.00nF~ 620.0μF ±(4%+5)
6.200mF~ 62.00mF ±10%

Resolution: 1pF, 10pF, 0.1μF, 1μF, 10μF

Frequency

Range: 10Hz ~ 60kHz

Accuracy: ±(0.1%+4)

Resolution: 0.001Hz ~ 0.01kHz

General Specifications

Range Selection: Autoranging

True RMS: Yes

Display: 6,000 count LCD display

Display Hold: Yes

Zero Push Button Adjustment: Yes

Diode Test: Yes

Backlit Display: Yes

Overrange Indicator: Yes

Continuity Check: 6,000 count LCD display

Non-Contact Voltage Detector: Yes

Autoshut off: Audible signal if resistance <10Ω

Power Supply: 2 x AAA Batteries

Low Battery Indicator: Yes

Jaw Opening: 0.67" (17mm)

Overvoltage Category: CAT. II 600V, CAT. III 300V

Product Certifications: CE, ETL, RoHS

Operating Temperature: 32 to 104°F (0 to 40°C)

Storage Temperature: 14 to 122°F (-10 to 50°C)

Dimensions: 6.9x 2.4 x 1.3"
(175 x 60 x 33.5mm)

Weight: 6oz (170g)



Model	Description
R5015	True RMS mA Clamp Meter
R5400	Line Splitter
R1000	Safety Test Lead Set, Double Insulated
R1020	Fused Test Lead Set
R9940	Hard Shell Carrying Case
CA-52A	Soft Carrying Case
R5015-NIST	True RMS mA Clamp Meter & NIST