



Features

- Autoranging multimeter and non-contact voltage detector
- Built-in flashlight
- Diode check and continuity functions
- Auto power off and data hold
- Double molded housing and test leads
- CAT III 1000V, CAT IV 600V safety rating
- Includes test leads and batteries

R5009-KIT

Electrical Test Kit

Includes:
R5009 Digital Multimeter,
R5100 AC Voltage Detector,
R5210 Receptacle Tester
and C-820 Carrying Case



Specifications

AC/DC Voltage

Range:

AC: 2, 20, 200, 600V
DC: 200mV, 2, 20, 200, 600V
AC: 2,20V $\pm$ (1.0% rdg + 3 dgt.)
200, 600V $\pm$ (2.3% rdg + 10 dgt.)
DC: mV $\pm$ (0.5% rdg + 3 dgt.)
V $\pm$ (1.2% rdg + 3 dgt.)
AC: 1, 10, 100mV, 1V
DC: 0.1, 1, 10, 100mV, 1V

Accuracy:

Resolution:

AC/DC Current

Range:

200, 2000 μ A, 20, 200mA

Accuracy:

AC: $\pm$ (2.5% rdg + 10d)
DC: $\pm$ (2.0% rdg + 8d)

Resolution:

0.1, 1, 10, 100 μ A

Resistance

Range:

200 Ω , 2, 20, 200k Ω , 2, 20M Ω

Accuracy:

200.0 Ω $\pm$ (0.8% rdg + 5d)
2.000, 20.00, 200.0k Ω
 $\pm$ (1.2% rdg + 5d)
2.000M Ω $\pm$ (5.0% rdg + 5d)
20.00M Ω $\pm$ (10.0% rdg + 5d)
0.1, 1, 10, 100 Ω , 1, 10k Ω

Resolution:

General Specifications

Display:

2,000 count LCD display

Display Hold:

Yes

Relative Mode:

Yes

Diode Test:

Yes

Continuity Check:

Audible signal
if resistance $\leq$ 150 Ω

Non-Contact

Voltage Detector:

Yes

Built-in Flashlight:

Yes

Auto Power Off:

Yes (after 15 minutes)

Power Supply:

2 "AAA" Batteries

Low Battery Indicator:

Yes

Replaceable Test Leads:

No

Overvoltage Category:

CAT III 1000V, CAT IV 600V

Product Certifications:

CE

Operating Temperature:

32 to 104°F (0 to 40°C)

Storage Temperature:

14 to 122°F (-10 to 50°C)

Dimensions:

4.1 x 2.2 x 1.3"
(104 x 55 x 32.5mm)

Weight:

5.2oz (145g)

Model	Description
R5009	Digital Multimeter
R5009-KIT	Electrical Test Kit
CA-52A	Soft Carrying Case
R5009-NIST	Digital Multimeter & NIST