



This low cost multimeter has 4 main functions together with diode and battery test and a large clear display.

The sculpted shape makes it comfortable to both hold and to position the central rotary switch.

Display: 3.5 digit liquid crystal (LCD), maximum reading 1999 with floating decimal point. Updates at 2.5 times per second.

Polarity: Automatic, implied for positive values, "-" to show negative readings.

Overrange: 1. or -1. is displayed.

Zero: Automatic.

Low battery indication: A "BAT" symbol appears when the voltage drops below that required for correct operation.

Operating: 0 to 50°C @ < 70% relative humidity (RH).

Storage: -20 to 60°C, 0 to 80% RH (battery must be removed).

Temperature coefficient: Add (0.1 x % accuracy) per °C from 0 to 18°C, and from 28 to 50°C.

Maximum altitude: 2,000m.

Battery: 1 x 9 volt, type PP3, MN1604, NEDA1604, JIS006P, IEC 6F22.

Battery life: 300 hours, typical (Zinc - carbon).

Dimensions: 143 x 68 x 47mm (5.6 x 2.7 x 1.9 inches).

Weight: 206g (7.3oz) with battery fitted.

Included: Set of test leads, 9V battery (fitted) & user manual.

SPECIFICATIONS

DC VOLTS

Ranges: 2V, 20V, 200V, 600V

Resolution: 1mV

Accuracy: +/- (2% rdg + 1 digit)

Input impedance: 10MΩ

Overload protection: 600V DC or AC rms.

AC VOLTS (50Hz to 500Hz)

Ranges: 200V, 600V

Resolution: 100mV

Accuracy: +/- (2.5% rdg + 4 digits)

Input impedance: 4.5MΩ

Overload protection: 600V DC or AC rms.

DC CURRENT

Ranges: 200uA, 2mA, 20mA, 200mA, 10A

Accuracy: +/- (2.5% rdg + 2 digits) except 10A range
+/- (3.5% rdg + 4 digits) on 10A range

Input protection: 0.5A, 250V fast blow & 10A, 600V fast blow ceramic, fuse.

RESISTANCE

Ranges: 200Ω, 2kΩ, 20kΩ, 200kΩ, 20MΩ

Resolution: 100mΩ

Accuracy: +/- (2% rdg + 3 digits) for 200Ω range

+/- (2% rdg + 1 digit) for 2kΩ to 200kΩ ranges

+/- (3.5% rdg + 4 digits) for 20MΩ range

Open circuit voltage: 300mV DC (3V DC for 200Ω range)

Overload protection: 500V DC or AC rms.

DIODE TEST

Test current: 1mA +/- 0.6mA

Accuracy: +/- (3% rdg + 1 digit)

Open circuit voltage: 3V DC typical

Overload protection: 500V DC or AC rms.

BATTERY TEST

Ranges: 1.5V, 9V

Resolution: 1mV, 10mV

Accuracy: +/- (3.5% rdg + 2 digits)

Load current: 150mA for 1.5V range (typical) 6mA for 9V range (typical)

NOTE: This instrument complies with class II, overvoltage CAT III, 600V of the IEC1010-1 (EN61010-1) standard and pollution degree 2 in accordance with IEC-664 indoor use.

This instrument also complies with the requirements of the following European Community Directives: 89/336/EEC (Electromagnetic Compatibility) and 73/23/EEC (Low Voltage) as amended by 93/68/EEC (CE Marking).