



A full function multimeter which constantly updates the maximum value memory and has a reading hold button.

The integral non contact voltage indicator operates from all switch positions with an audible and visual indication of voltages above 70V AC.

Display: 3.5 digit liquid crystal (LCD), maximum reading 3200 with floating decimal point. Updates at 2.5 times per second.

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

Overrange: OL or -OL is displayed.

Zero: Automatic.

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

Auto Power Off: After approx. 10 minutes.

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: 200 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: 200mV, 2V, 20V, 600V.

Resolution: 100µV

Accuracy: ± 1.2% rdg + 1 digit

Input impedance: 10MΩ

Overload protection: 600V DC or AC rms
500V DC / 350V rms for 15 secs on 200mV range

AC VOLTS (50Hz to 500Hz)

Ranges: 200mV, 2V, 200V, 600V

Resolution: 100µV

Accuracy: ± (2% rdg + 4 digits)

Input impedance: 10MΩ

Overload protection: 600V DC or AC rms
500V DC / 350V rms for 15 secs on 200mV range

DC CURRENT

Ranges: 200µA, 20mA, 200mA, 10A

Resolution: 0.1µV

Accuracy: ± (1.5% rdg + 1 digit) except 10A range
± (3% rdg + 3 digits) on 10A range

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

AC CURRENT (50Hz to 500Hz)

Ranges: 200µA, 20mA, 200mA, 10A

Resolution: 0.1µA

Accuracy: ± (2% rdg + 4 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, 20kΩ, 200kΩ, 20MΩ

Resolution: 100mΩ

Accuracy: ± (1.5% rdg + 4 digits) except on 20MΩ range
± (3% rdg + 4 digits) for 20MΩ range

Open circuit voltage: 0.3V DC typical (3V DC for 200Ω range)

CONTINUITY

Audible tone: <100Ω

Response time: 500mS

Overload protection: 500V DC or AC rms.

DIODE TEST

Test current: Approximately 1mA

Accuracy: ± (2% rdg + 1 digit)

Open circuit voltage: 3V DC typical

Non-contact Voltage Indicator: Operates for voltages from 70V to 480V AC, 50-60Hz.

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.

Complies with: 89/336/EEC (Electromagnetic Compatibility) and 73/23/EEC (Low Voltage) as amended by 93/68/EEC (CE Marking).