

Features

- Single 24 position easy to use rotary switch
- High sensitivity of 100uV
- Automatic polarity indication on DC range
- All ranges are protected
- Diode testing with 1mA fixed current
- Transistor hFE test
- Audible Continuity Test Facility
- 500V AC/DC Protection in Resistance, Continuity and Diode Test Range in Red Colour.

General Specifications

Maximum display	: 1999 counts (3 1/2 digits) with Automatic Polarity Indication.
Indication method	: LCD display
Measuring Method	: Dual-slope integration A-D converter system
Overrange Indication	: "1" Figure only in the display
Maximum Common Mode Voltage	: 500V DC/AC rms
Reading Rate	: 2-3 Reading per sec (approximate)
Temperature for Guaranteed Accuracy	: 23°C±5°C
Temperature Ranges	: Operating 0°C to 40°C, 32°F to 104°F Storage 10°C to 50°C, 14°F to 122°F
Power Supply	: One 9-volt battery (NEDA 1604, 6F22 type or equivalent)
Lower Battery indication	: "BAT" to left of display
Size	: 85(w) X 165(D) X 32(H)mm
Weight	: 250g (including 9 Volt battery)
Accessories	: Operating manual, set of test leads, holster and carrying case.



Technical Specifications

Accuracies are ± (% reading + No. of digits) Guaranteed for 1 year, 23°C±5°C, less than 75%RH

DC Voltage

Range	Accuracy	Resolution
200mV	+0.5% + 1	100uV
2V		1mV
20V	+0.8% + 2	10mV
200V		100mV
1000V		1V

Input impedance: 10M ohm on all ranges.

Overload protection: 250Vrms on 200mV range & 1000V DC or peak AC on all other ranges.

AC Voltage

Range	Accuracy	Resolution
2V	± 0.8% ± 3	1mV
20V		10mV
200V	± 1.2% ± 3	100mV
750V		1V

Input

Impedance: 10M ohm on all ranges.

Note: Specifications are subject to change.

Frequency

Range : 40Hz to 400Hz

Overload protection : 50Vrms or 1000V peak continuous on all ranges

Indication : Average (rms of sine wave)

DC Current

Range	Accuracy	Resolution
200uA	± 0.8% ± 1	0.1uA
2mA		1uA
20mA	± 1.2% ± 1	10uA
200mA		100uA
20A	± 2% ± 5	10mA

Overload

Protection : 0.2A/250V fuse (20A range not fused)

Maximum

Input Current : 20A, 15 sec.

AC current

Range	Accuracy	Resolution
2mA	± 1.2% ± 3	1uA
20mA		10uA
200mA	± 2% ± 3	100uA
20A		10mA

Overload

Protection : 0.2A/250V fuse (20A range not fused)

Frequency

Range : 40Hz to 400Hz

Maximum

Input Current : 20A 15 sec.

Indication : Average (rms of sine wave)

Resistance

Range	Accuracy	Resolution
200	± 0.8% ± 3	0.1
2K		1
20 K	± 0.8% ± 1	10
200 k		100
2 M	± 1% ± 2	1K
20 M		10k

Overload

Protection: 500V DC/rms AC

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