

A450 Electronic FET VOM

- 10M Ω input impedance
- Resistance measurements from 0.1 Ω to over 1G Ω
- 4-12" mirror scale meter
- Meter can be set for zero center scale
- Reversing switch and "power on" indicator



A450

DI2001 Cat. III Insulation Tester

- Measures insulation resistance to 2G Ω
- 250V, 500V and 1000V test voltages
- Meets IEC 1010-1, Category III-600V safety standards
- Data and Max hold
- 3-1/2 digit, 2000 count LCD
- Continuity buzzer



DI2001

DI4000 Insulation Tester

- Measures insulation resistance to 2G Ω
- Measures AC volts
- Data hold and backlight
- 3-1/2 digits, 3200 count LCD
- Designed to IEC-1557-2 standards
- Rugged case and lightweight
- 125V, 250V and 1000V test voltages



DI4000

■ SPECIFICATIONS

[A450]

DC Voltage

Range: 0.3V, 1.2V, 3V, 12V, 30V, 120V, 300V, 1200V
Accuracy: $\pm 2.5\%$ FS

AC Voltage

Range: 0.3V, 1.2V, 3V, 12V, 30V, 120V, 300V, 1200V
Accuracy: $\pm 2.5\%$ FS

AC Measurement Frequency Range

3V Range: 30Hz to 1MHz
12V to 300V Ranges: 30Hz to 5KHz

DC Current

Range: 0.1 μ A, 0.3mA, 3mA, 30mA, 300mA, 12A
Accuracy: $\pm 2.5\%$ FS

AC Current

Range: 12A
Resolution: 200mA
Accuracy: $\pm 3.5\%$ FS

Resistance

Range: RX1 Ω , RX10 Ω , RX100 Ω , RX1K Ω , RX10K Ω , RX1M Ω
Accuracy: $\pm 2.5\%$ of arc

Decibel

Range: -10dB to +63dB

General Specifications

Power: (2) 1.5V "AA" batteries and (1) 9V Battery
Size: 6.8" H x 5.0" W x 2.0" D
Weight: 4 oz
Supplied Accessories: Test leads, Instruction manual

[DI2001]

DC Voltage

Range: 0 to 1000V
Resolution: 1V
Accuracy: $\pm (0.5\% \text{ Rdg} + 1 \text{d})$

AC Voltage

Ranges: 0 to 750V
Resolution: 1V
Accuracy: $\pm (0.8\% \text{ Rdg} + 4 \text{d})$

Mega Ohms

Ranges:
0 to 250M Ω @ 250V
0 to 250M Ω @ 500V
0 to 2000M Ω @ 1000V
Resolution:
0.1M Ω (250M Ω Range)
1.0M Ω (2000M Ω Range)
Accuracy: $\pm (3\% + 5 \text{d})$
Display: 2000 Count, 3-1/2 Digit

General Specifications

Power: (8) 1.5V AA Batteries
Operating Temperature: 0 to 40°C at a relative humidity of < 80%
Size: 6.3" H x 3.8" W x 2.0" D
Weight: 17 oz
Supplied Accessories: Manual, Test probe, Leads, Batteries

[DI4000]

AC Voltage

Ranges: 0 to 600V
Resolution: 1V; Accuracy: $\pm (2.5\% \text{ Rdg})$
Input Impedance: 20M Ω
Max. Input: 600V

Insulation Measurement

Effective Measuring Resistance:
20M Ω @ 125V
50M Ω @ 250V
2000M Ω @ 1000V
Rated Measurement Current: Approx. 1mA +20% - 0%
Short Circuit Current: < 2mA
Minimum Measurable Resistance:
20M Ω Range: 0.125M Ω
50M Ω Range: 0.250M Ω
1000M Ω Range: 1.0 M Ω

Accuracy:

125V: 0.02 Ω to 10M Ω : < $\pm 5\%$
500V: 0.1M Ω to 50M Ω : < $\pm 5\%$
1000V: 2M Ω to 1000M Ω : < $\pm 5\%$
125V: 0.1M Ω to 0.03M Ω and 10M Ω to 100M Ω : < $\pm 10\%$
500V: 0.05M Ω to 0.1M Ω and 50M Ω to 100M Ω : < $\pm 10\%$
1000V: 1M Ω to 2M Ω and 1000M Ω to 2000M Ω : < $\pm 10\%$

General Specifications

Power: (6) 1.5V AA Batteries
Operating Temp: 0 to 40°C at a relative humidity of < 80%
Size: 4.1" H x 7.0" W x 2.1" D; Weight: 13 oz
Supplied Accessories: Manual, Test Probe, Lead with Case, 6 AA Batteries

Mouser Electronics

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