



160® Handi - VOM

Smallest and Handiest of Simpson's Shock Resistant Analog VOMs

The 160 combines the industry proven performance and reliability of the famous Simpson 260 in a convenient hand-held package. The self-shielding taut-band movement features outstanding repeatability and resistance to stray magnetic fields. Internal circuits protect the meter from accidental overload.

- Ideal for Nulling, Peaking and Trend Information
- Quick, Positive "Yes/No" Checks for Voltage, Current and Continuity
- Does Not Generate RF Radiation to Cause Interference or to Trigger External Sensitive Circuits
- High Immunity to Voltage Transients and RF Interference—No Expensive Chips to Wipe Out
- Includes 22.5 V and 1.5 V Batteries and Test Leads With Probe Tip



Specifications

DC VOLTAGE

Ranges	Accuracy	Sensitivity
250mV, 1V, 2.5V, 10V, 50V, 250V, 500V, 1000V	2% of full scale	20K Ω per volt

AC VOLTAGE

Ranges	Accuracy	Sensitivity
2.5V, 10V, 50V, 250V, 500V, 1000V	3% of full scale	5K Ω /volt

DECIBEL

5 Ranges: -20 to +50dB
Reference: 0dB= 1mW into 600 Ω

DC CURRENT

Ranges	Accuracy	Voltage Drop: (Nominal)
50 μ A, 1mA, 10mA, 100mA, 250mA, 500mA	2% of full scale	250 mV or 50 mV on 50 μ A (2ranges) 50 mV, all others

RESISTANCE

Ranges	Accuracy	Maximum Indication
Rx1	3° of arc	0-3K Ω
Rx10		0-30K Ω
Rx100		0-300K Ω
Rx1K		0-3M Ω
Rx10K		0-30M Ω

Ordering Information

VOM	Catalog No.	ACCESSORIES	Catalog No.	ACCESSORIES	Catalog No.
160, Compact	12271	Universal Kit, Deluxe 23-Piece	00818	Test Leads w/Alligator Tips	01927
		Universal Kit, 14-Piece	05577	Case, Front Loading w/Storage	02225
		Test Leads w/Probe Tip	02055	Padded Nylon Case	45005

Additional accessories are on pages 25-28.

BATTERIES: 1.5V AA, 22.5V (Neda No.13F, Eveready 505)

OPERATING TEMPERATURE RANGE: 75°F for rated accuracy; less than 4% additional error over the range of +25°F to +130°F.

SIZE: 4-9/16" x 3-5/16" x 1-3/4" (11.59 x 8.41 x 4.45 cm).

WEIGHT: Approximately 12 ounces.

CONSTRUCTION: Combination high impact plastic and phenolic case.

CIRCUIT TO GROUND VOLTAGE: 1000V AC/DC Max.

Specifications subject to change without notice.

Deluxe 23-Piece Universal Test Lead System. Everything you need for fast, convenient test setups, measurements, troubleshooting. Can be used with all Simpson (and other) VOMs or DMMs with standard pin-type spade lug or reverse-type banana jack inputs.

