



Smallest and Handiest of Simpson's Shock Resistant Analog VOMs

The 160 combines the 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 Which can cause Interference or Trigger External Sensitive Circuits
- High Immunity to Voltage Transients and RF Interference—No Expensive Chips to Wipe Out
- Includes 22.5V and 1.5V 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 per 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	250mV or 50mV on 50 μ A (2 ranges) 50mV, all others

RESISTANCE

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

Ordering Information

VOM	Catalog No.	ACCESSORIES	Catalog No.	ACCESSORIES	Catalog No.
160, Compact	12271	Test Leads w/Probe Tip	02055	Padded Nylon Case, Brown	00836
		Test Leads w/Alligator Tips	01927		

Additional accessories are on pages 22-24.

Specifications (Continued)

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 (.34 Kg)

CONSTRUCTION: Combination high impact plastic and phenolic case

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

Specifications subject to change without notice.