



**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**

Ordering Information	
VOM	Catalog Number
160, Compact	12271
Accessories	Catalog Number
Test Leads w/Probe Tip	02055
Test Leads w/Alligator Tips	01927
Padded Nylon Case, Brown	00836

## Specifications

DC Voltage		
Ranges	Accuracy	Sensitivity
250mV, 1V, 2.5V, 10V, 50V, 250V, 500V, 1000V	2% of full scale	20K $\Omega$ per volt

AC Voltage		
Ranges	Accuracy	Sensitivity
2.5V, 10V, 50V, 250V, 500V, 1000V	3% of full scale	5K $\Omega$ per volt

Decibel	
Ranges	-20 to +50dB
Reference	0dB = 1mW into 600 $\Omega$

DC Current		
Ranges	Accuracy	Voltage Drop: (Nominal)
50 $\mu$ A, 1mA, 10mA, 100mA, 250mA, 500mA	2% of full scale	350mV Maximum

Resistance		
Ranges	Accuracy	Maximum Indication
Rx1	3° of arc	0 - 3K $\Omega$
Rx10		0 - 30K $\Omega$
Rx100		0 - 300K $\Omega$
Rx1K		0 - 3M $\Omega$
Rx10K		0 - 30M $\Omega$

<b>Batteries</b>	1.5V AA, 22.5V (Neda No.13F, Eveready 505)
<b>Operating Temperature Range</b>	75°F for rated accuracy; less than 4% additional error over the range of +25°F to +130°F
<b>Size</b>	4-9/16" x 3-5/16" x 1-3/4" (11.59 x 8.41 x 4.45 cm)
<b>Weight</b>	Approximately 12 ounces (.34 Kg)
<b>Construction</b>	Combination high impact plastic and phenolic case
<b>Circuit To Ground Voltage</b>	1000V AC/DC Max

**Specifications subject to change without notice.**