Simpson®

MADE IN THE USA SINCE 1936 RELIABILITY BEYOND MEASURE

160® Handi-VOM

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 3.6V and 1.5V Batteries and Test Leads With Probe Tip**

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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	20KΩ per volt

AC Voltage		
Ranges	**Accuracy**	**Sensitivity**
2.5V, 10V, 50V, 250V, 500V, 1000V	3% of full scale	5KΩ per volt

Decibel	
Ranges	**-20 to +50dB**
Reference	**0dB = 1mW into 600Ω**

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

Resistance		
Ranges	**Accuracy**	**Maxium Indication**
Rx1	3° of arc	0 - 3KΩ
Rx10		0 - 30KΩ
Rx100		0 - 300KΩ
Rx1K		0 - 3MΩ
Rx10K		0 - 30MΩ

Batteries	1.5V AA, 3.6V AA
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.