Specifications

Voltage Ranges: 1 mV, 3 mV, 10 mV, 30 mV, 100 mV, 300 mV, 1 V, 3 V, 10 V, 30 V, 100 V, 300 V full scale.

dB Range: –72 dBm to +52 dBm (0 dBm = 1 mW into 600Ω).

Frequency Range: 10 Hz to 20 MHz

Response: Responds to RMS value (heating value) of input.

Measurement Accuracy: 20°C to 30°C (1 Year)

From 1/10th scale to full scale is % of full scale. Temperature coefficient: ± 0.10% per °C from 0°C to 20°C and 30°C to 55°C.

Frequency	± % of Full Scale
10 Hz to 50 Hz	± 5%
50 Hz to 1 MHz	± 1%
1 MHz to 2 MHz	± 2%
2 MHz to 3 MHz	± 3%
3 MHz to 20 MHz	± 5%

Note: The voltmeter may show a zero offset with no voltage applied to the input terminal.

AC-to-DC Converter Accuracy: 20°C to 30°C

Temperature coefficient: ± 0.10% per °C from 0°C to 20°C and 30°C to 55°C.

Frequency	± % of Full Scale
10 Hz to 50 Hz	± 5%
50 Hz to 1 MHz	± 0.75%
1 MHz to 2 MHz	± 2%
2 MHz to 3 MHz	± 3%
3 MHz to 20 MHz	± 5%

Note: The voltmeter may show a zero offset with no voltage applied to the input terminal.

Input Impedance: 1 mV to 300 mV ranges: 10 MΩ shunted by < 50 pF. AC-coupled input.
1 V to 300 V ranges: 10 MΩ shunted by < 20 pF. AC-coupled input.

Crest Factor: (Ratio of peak-to-RMS amplitude of input.) 10:1 at full scale except where limited by maximum input, and inversely proportional to meter deflection (e.g. 20:1 at half-scale, 100:1 at tenth-scale).

AC Overload: 30 dB above full scale or 800 Vpeak, whichever is less, on each range.

Max. Continuous Input Voltage: 500 Vac peak at 1 kHz or 600 Vdc on all ranges.

Max. DC Input: 600 V on any range.

Response Time: For a step function, < 5 seconds to respond to final value.

DC Output: Negative 1 Vdc into open circuit for full scale deflection, proportional to meter deflection. 1 mA max; nominal source impedance 1 kΩ.

Output Noise: < 1 mV RMS

Power: 100 V / 120 V / 220 V / 240 V ± 10%. 48 Hz to 440 Hz, 10 Watts.

Weight: 2.2 kg (4.9 lbs); shipping: 4.0 kg (8.7 lbs).

Size: 16.5 cm (H) x 13.0 cm (W) x 29.7 cm (D)

Storage Temperature: –10°C to +60°C