

Table 1-1. Model 3400A Specifications

VOLTAGE RANGE: 1 mV to 300 V full scale, 12 ranges.	OUTPUT NOISE: < 1 mV RMS.
DB RANGE: -72 to $+52$ dBm (0 dBm = 1 mW in 600 Ω). FREQUENCY RANGE: 10 Hz to 10 MHz.	CREST FACTOR: (ratio of peak-to-rms ampli- tude of input signal): 10:1 at full scale (except where limited by maximum input), inversely proportional to meter deflection (e.g., 20:1 at half-scale, 100:1 at tenth-scale).
RESPONSE: Responds to rms value (heating value) of input signal.	INPUT IMPEDANCE: 0.001 V to 0.3 V range; 10 M Ω shunted by <50 pF: 1.0 V to 300 V range; 10 M Ω shunted by <20 pF. AC-coupled input
METER ACCURACY: % of Full Scale (20°C to 30°C)*	AC OVERLOAD: 30 dB above full scale or 800 V
10 Hz 50 Hz 1 MHz 2 MHz 3 MHz 10 MHz	peak, whichever is less, on each range.
$\pm 5\%$ $\pm 1\%$ $\pm 2\%$ $\pm 3\%$ $\pm 5\%$	MAXIMUM DC INPUT: 600 V on any range.
AC-to-DC CONVERTER ACCURACY: % of Full Scale (20°C to 30°C)*	RESPONSE TIME: For a step function, < 5 seconds to respond to final value.
10 Hz 50 Hz 1 MHz 2 MHz 3 MHz 10 MHz ±5% ±0.75% ±2% ±3% ±5%	POWER: 115 or 230 V \pm 10%, 48 to 440 Hz. approximately 7 watts.
OUTPUT: Negative 1 V dc into open circuit for full-scale deflection, proportional to meter	WEIGHT: Net 7 1/4 lbs. (3, 3kg); shipping 10 lbs. (5 kg).
deflection; 1 mA maximum; nominal source impedance 1000Ω .	OVERALL DIMENSIONS: 6 1/2" high; 5 1/8" wide; 11 11/16" deep.

*Temperature Coefficient: $\pm 0.1\%$ over range of 0°C to 20°C and 30°C to 55°C.