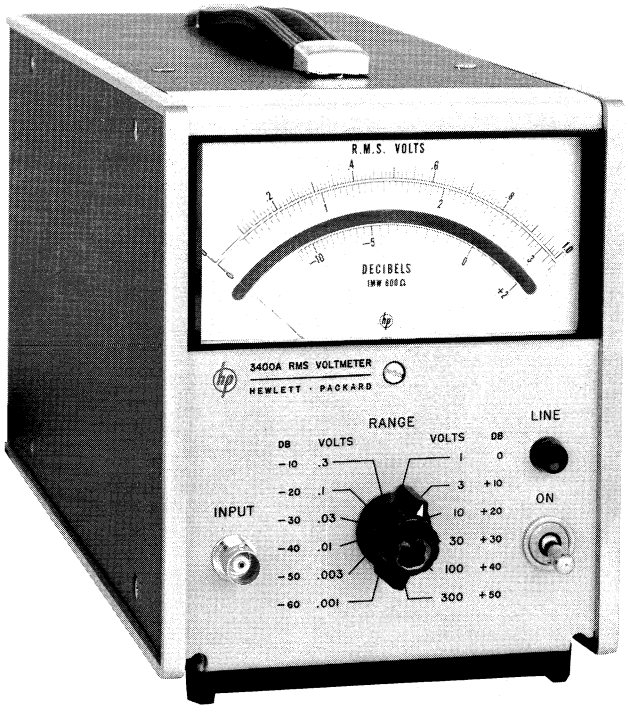

Table 1-1. Model 3400A Specifications

VOLTAGE RANGE: 1 mV to 300 V full scale, 12 ranges.

DB RANGE: -72 to +52 dBm (0 dBm = 1 mW in 600Ω).

FREQUENCY RANGE: 10 Hz to 10 MHz.

RESPONSE: Responds to rms value (heating value) of input signal.

METER ACCURACY: % of Full Scale (20°C to 30°C)*

10 Hz	50 Hz	1 MHz	2 MHz	3 MHz	10 MHz
±5%	±1%	±2%	±3%	±5%	

AC-to-DC CONVERTER ACCURACY: % of Full Scale (20°C to 30°C)*

10 Hz	50 Hz	1 MHz	2 MHz	3 MHz	10 MHz
±5%	±0.75%	±2%	±3%	±5%	

OUTPUT: Negative 1 V dc into open circuit for full-scale deflection, proportional to meter deflection; 1 mA maximum; nominal source impedance 1000Ω.

OUTPUT NOISE: < 1 mV RMS.

CREST FACTOR: (ratio of peak-to-rms amplitude 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).

INPUT IMPEDANCE: 0.001 V to 0.3 V range; 10 MΩ shunted by <50 pF: 1.0 V to 300 V range; 10 MΩ shunted by <20 pF. AC-coupled input.

AC OVERLOAD: 30 dB above full scale or 800 V peak, whichever is less, on each range.

MAXIMUM DC INPUT: 600 V on any range.

RESPONSE TIME: For a step function, < 5 seconds to respond to final value.

POWER: 115 or 230 V ± 10%, 48 to 440 Hz. approximately 7 watts.

WEIGHT: Net 7 1/4 lbs. (3, 3kg); shipping 10 lbs. (5 kg).

OVERALL DIMENSIONS: 6 1/2" high; 5 1/8" wide; 11 11/16" deep.

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