

2001 A

200KHz Function Generator



SPECIFICATIONS

FUNCTION GENERATOR

Waveform	: Sine, Triangle, Square.
Frequency Range	: 0.2Hz to 200KHz in 6 decade ranges.
Frequency	: $\pm 5\%$ of the setting at 10Hz, 100Hz,
Indication Accuracy	1KHz & 10KHz spot.
Function Out	: 1mV to 10V p-p (with 4 selectable ranges; into open circuit).
TTL Out	: Standard TTL level squarewave. Rise/Fall Time : <25ns.
DC Offset	: $\pm 5V$ DC into open circuit. AC (signal) + DC (offset) = $\pm 10V$ p-p open circuit $\pm 5V$ p-p into 600 ohms.
Level Fine	: 20dB variable (approx.).



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Level Ranges : 1mV - 10mV p-p,
10mV - 100mV p-p,
100mV - 1V p-p &
1V p-p - 10V p-p.

Sine wave Distortion : <2% upto 100KHz (<1% typical)
<3% above 100KHz.

Squarewave : Time symmetry : $\pm 1.5\%$ (typical <1%)
Rise/Fall Time : <100ns
(into 600 ohms +20pf).

Triangle Linearity : Better than 1%.

Sweep Input : 0 to +10V DC.

Sweep Range : 100:1 approx. (For external input at
SWEEP IN).

Input Impedance : 30K ohms approx.

GENERAL

Power : 115 / 230V AC $\pm 10\%$, 47- 63Hz.

Consumption : 5VA.

Dimensions (mm) : 245 (W) x 76 (H) x 185 (D) mm
(approx.).
9½" x 3" x 7¼"

Weight : 2 Kg. / 4.5 lbs (approx.).



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