



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AV-1030-B
Type: Ultra-High-Speed Pulse Generator
S.N.: 12440
Date: May 26, 2010

Output Amplitude: 0 to $\pm 5V$, to 50 Ω
Pulse Width (FWHM): 10 ns – 1 ms
Rise Time (20%-80%): ≤ 300 ps
Fall Time (80%-20%): ≤ 350 ps
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

1 MHz, +5V, 10 ns PW:

2 ns/div. 2 V/div (200 mV \times 20 dB):

1 MHz, -5V, 25 ns PW:

5 ns/div. 2 V/div (200 mV \times 20 dB):

