



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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☒ BOX 5120, LCD MERIVALE  
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## PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-M-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12901  
Date: August 15, 2012

Output Amplitude: up to +40V, to 50Ω  
Pulse Width (FWHM): 0.4 ns – 2 ns  
Rise Time (20%-80%): ≤ 150 ps  
Fall Time (80%-20%): ≤ 600 ps  
PRF: to 1 MHz  
Jitter, Stability: OK  
Prime Power: +15V

Basic specifications: →

### Test Waveforms

At 1 MHz, < 0.4 ns, > +40V,

500 ps/div. 20 V/div (200 mV × 40 dB):

At 1 MHz, > 2 ns, > +40V,

500 ps/div. 20 V/div (200 mV × 40 dB):

