

# AT ARB RIDER AWG-5000 Series

## AWG-5000: WORLD'S FASTEST 16 BIT AWG

 <b>6.16 GS/s</b> Sampling Rate	 <b>4 Gpts/Ch</b> Waveform Memory	 <b>5Vpp</b> Amplitude Range	 <b>110 ps</b> Rise / Fall Time	 <b>2 GHz</b> Analog Bandwidth
				
 Extremely Easy-to-Use	<b>AWG-5000</b>			
<b>World's Fastest 16 Bits AWG</b>	 Multi Instrument	Up to <b>32 Analog Channels</b>	Up to <b>128 Digital Channels</b>	

## 6.16 GS/s 16 BIT 5Vpp Arbitrary Waveform Generator

### Arb Rider AWG-5000 Series

Active Technologies is pleased to introduce the New Arb Rider AWG-5000 Series: **6.16 GS/s - 16 Bit - 5Vpp** Output Voltage Amplitude Arbitrary Waveform Generator.

AWG-5000 is equipped with an **unique 5Vpp – 2 GHz bandwidth – DC coupled amplifier** (original design by Active Technologies), which allows the instrument to generate **5Vpp amplitude – 110ps rise and fall time pulses**.

Applications: Physics Experiments, Quantum computers, and Aerospace & Defense.

- **6.16 GS/s** Real Time Sampling Rate
- **16 Bit** Vertical Resolution
- Output Range : **5 Vpp** (50 Ohms into 50 Ohms)
- 4 Gpoints memory per channel
- **110 ps** Rise and Fall Time
- 2,4 or 8 channel models
- Multi-Instrument Synchronization: up to 32 analog channels and 128 digital channels

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