

# The InfiniiVision 3000G X-Series Oscilloscope: The Best in Usability Deserves the Best Features

Keysight's InfiniiVision 3000G X-Series Oscilloscope offers high-end technology in a small form factor; equipping customers with a designed-for-touch user interface, industry-leading waveform update rate, and a multitude of powerful standard features.

While the InfiniiVision 3000T was an outstanding general-purpose oscilloscope, the new InfiniiVision 3000G takes its performance up a notch. With 8 standard features customers previously had to upgrade to on the 3000T, including new waveform and measurement histograms, the 3000G is the clear winner in extended test capability. From R&D and debug requirements, to low-speed serial design and test, to even education needs—the 3000G equips you with the best available tools to support a diverse array of oscilloscope needs.



## Benefits of the Keysight InfiniiVision 3000G Oscilloscope over the InfiniiVision 3000T

### The 3000G has Extended Test Capability — with the best new features STANDARD

- ✓ Waveform and measurement histograms
- ✓ Built-in waveform generator
- ✓ I2C, SPI, UART, I2S, and USB PD trigger & decode
- ✓ Mask limit testing
- ✓ Measurement limit testing
- ✓ Frequency response analysis (Bode plots)
- ✓ Enhanced HDTV video analysis
- ✓ LAN/VGA connectivity module

### The 3000G is the Best-Value Option

- ✓ Features that extend test capability come standard
- ✓ Get the newest model with the best features for a fraction of the price of adding equivalent options to the 3000T

### The 3000G Enables Ease of Ordering

- ✓ No need to anticipate optional feature requirements you may need in the future— with the 3000G the features come standard



Waveform and Measurement Histograms and a built-in WaveGen are just two of the 8 new standard features available on the 3000G!

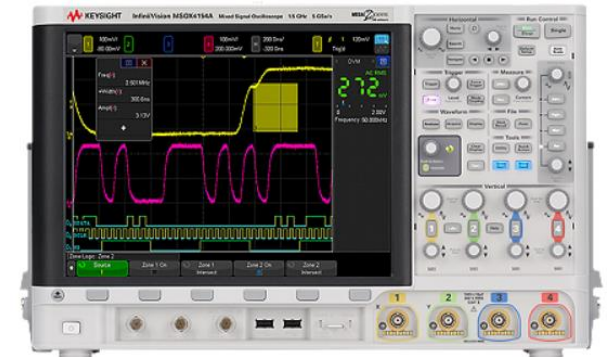
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# Specific Comparisons: InfiniiVision 3000G vs. InfiniiVision 3000T, 3000A

Feature	3000A	3000T	NEW! 3000G
Bandwidth	100 MHz – 1 GHz	100 MHz – 1 GHz	100 MHz – 1 GHz
Max sample rate	4 GSa/s (≤ 500 MHz), 5 GSa/s (1 GHz)	5 GSa/s half channel, 2.5 GSa/s all channels	5 GSa/s half channel, 2.5 GSa/s all channels
Channels	2 or 4 +16	2 or 4 +16	2 or 4 +16
Max memory depth	2 Mpts	4 Mpts half channels, 2 Mpt all channels	4 Mpts half channels, 2 Mpt all channels
Update rate	> 1,000,000 wwfms	> 1,000,000 wwfms	> 1,000,000 wwfms
Display	8.5 inch	8.5 inch, capacitive touch	8.5 inch, capacitive touch
Zone touch trigger	No	Yes	Yes
Waveform & measurement histograms	No	No	Yes
Built-in waveform generator	Option	Option	Yes
12C, SPI, UART, 12S, and USB PD trigger and decode	Option	Option	Yes
Mask limit testing	Option	Option	Yes
Measurement limit testing	Option	Option	Yes
Frequency response analysis (Bode plots)	Option	Option	Yes
Enhanced HDTV video analysis	Option	Option	Yes
LAN/VGA connectivity module	Option	Option	Yes
PathWave BenchVue software	Yes	Yes	Yes



Looking for a larger screen or higher bandwidth?  
Check out the [Keysight InfiniiVision 4000 X-Series Oscilloscope!](#)

Learn more at: [www.keysight.com](http://www.keysight.com)

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