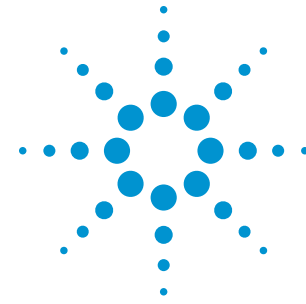


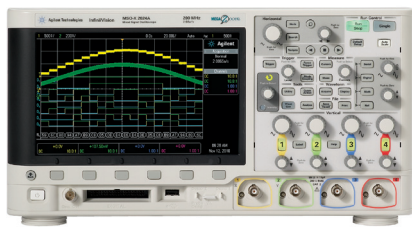
Agilent InfiniiVision Oscilloscopes



InfiniiVision oscilloscopes are available in a variety of form factors ranging from the 1U high 6000L to the large display of the 7000B Series. *MegaZoom* technology in every InfiniiVision scope provides responsive deep memory allowing you to see subtle signal details and infrequent events that other scopes miss. Full upgradability, including bandwidth, MSO channels WaveGen, digital voltmeter, memory and measurement applications, gives you more investment protection.

All InfiniiVision scopes include:

- Patented *MegaZoom* technology shows elusive details by capturing up to 1,000,000 deep-memory waveforms per second.
- Responsive deep memory is always available to show more of your signal with more detail.
- Standard 3-year warranty and 2 year calibration interval (2000X and 3000X Series only).
- Hardware-based measurement applications for uncompromised speed and analysis.
- Wide range of applications – see back.
- MSO – optional digital logic timing channels.



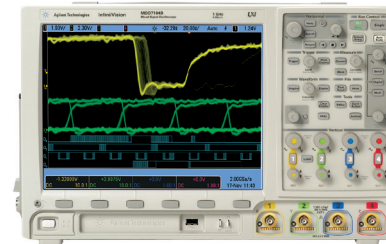
2000 X-Series

- 70 to 200 MHz bandwidth, both DSO and MSO models
- Only economy-class scopes with mixed signal capability
- 100 kpts memory
- Only 20 MHz built-in WaveGen function generator (optional)
- Integrated digital voltmeter (optional)
- 8.5-inch WVGA display offers 2x the viewing area and 5x the resolution of competitive scopes
- Up to 50,000 waveform updates/second.
- Fully upgradable – bandwidth, WaveGen, integrated digital voltmeter, MSO and Measurement applications



3000 X-Series

- 100 to 1 GHz bandwidth, both DSO and MSO models
- Hardware-based measurement applications including serial decode
- Up to 4 Mpts memory
- Only 20 MHz built-in WaveGen function/arbitrary waveform generator (optional)
- Integrated digital voltmeter (optional)
- 8.5-inch WVGA display offers 50% larger and 3x the resolution of competitive scopes
- Up to 1,000,000 waveform updates/second
- Fully upgradable – bandwidth, WaveGen, integrated digital voltmeter, MSO and Measurement applications



7000B Series

- 100 MHz to 1 GHz DSO and MSO models
- 12.1" display – nearly 40% larger than the nearest competitor
- 8 Mpts memory standard
- Hardware-based measurement applications including serial decode
- Xilinx FPGA dynamic probe support
- Altera FPGA dynamic probe support
- Standard LAN, USB, and XGA video out connectivity
- Upgradability for MSO channels and measurement applications



6000L Series

- 1U-high, 19" wide package saves valuable rack space
- Optimized for automated and manufacturing test
- LXI class C compliant for efficient, cost-effective creation and reconfiguration of test systems
- DSO model can be upgraded to MSO model at any time
- Upgradability for MSO channels and measurement applications



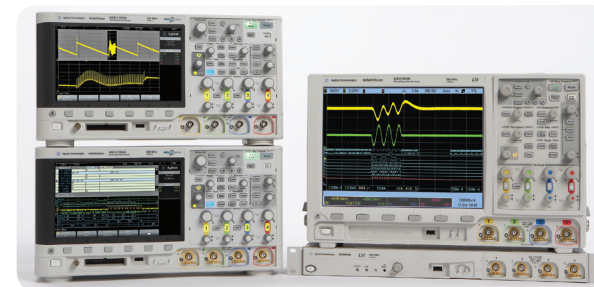
Quick Fact Sheet

Oscilloscope models

Model	Bandwidth	Sample rate	Memory depth	Scope channels
DSO/MSOX2002A	70 MHz	2 GSa/s	100 kpts	2/2 + 8 digital
DSO/MSOX2004A	70 MHz	2 GSa/s	100 kpts	4/4 + 8 digital
DSO/MSOX2012A	100 MHz	2 GSa/s	100 kpts	2/2 + 8 digital
DSO/MSOX2014A	100 MHz	2 GSa/s	100 kpts	4/4 + 8 digital
DSO/MSOX2022A	200 MHz	2 GSa/s	100 kpts	2/2 + 8 digital
DSO/MSOX2024A	200 MHz	2 GSa/s	100 kpts	4/4 + 8 digital
DSO/MSOX3012A	100 MHz	4 GSa/s	4 Mpts	2/2 + 16 digital
DSO/MSOX3014A	100 MHz	4 GSa/s	4 Mpts	4/4 + 16 digital
DSO/MSOX3024A	200 MHz	4 GSa/s	4 Mpts	4/4 + 16 digital
DSO/MSOX3032A	350 MHz	4 GSa/s	4 Mpts	2/2 + 16 digital
DSO/MSOX3034A	350 MHz	4 GSa/s	4 Mpts	4/4 + 16 digital
DSO/MSOX3052A	500 MHz	4 GSa/s	4 Mpts	2/2 + 16 digital
DSO/MSOX3054A	500 MHz	4 GSa/s	4 Mpts	4/4 + 16 digital
DSOX/MSOX3102A	1 GHz	5 GSa/s	4 Mpts	2/2 + 16 digital
DSOX/MSOX3104A	1 GHz	5 GSa/s	4 Mpts	4/4 + 16 digital
DSO6014L	100 MHz	2 GSa/s	8 Mpts	4/4 + 16 digital
DSO6054L	500 MHz	4 GSa/s	8 Mpts	4/4 + 16 digital
DSO6104L	1 GHz	4 GSa/s	8 Mpts	4/4 + 16 digital
DSO/MSO7012B	100 MHz	2 GSa/s	8 Mpts	2/2 + 16 digital
DSO/MSO7014B	100 MHz	2 GSa/s	8 Mpts	4/4 + 16 digital
DSO/MSO7032B	350 MHz	2 GSa/s	8 Mpts	2/2 + 16 digital
DSO/MSO7034B	350 MHz	2 GSa/s	8 Mpts	4/4 + 16 digital
DSO/MSO7052B	500 MHz	4 GSa/s	8 Mpts	2/2 + 16 digital
DSO/MSO7054B	500 MHz	4 GSa/s	8 Mpts	4/4 + 16 digital
DSO/MSO7104B	1 GHz	4 GSa/s	8 Mpts	4/4 + 16 digital

Applications

Description	2000 X-Series	3000 X-Series	7000 Series
Segmented memory	DSOX2SGM	DSOX3SGM	N5454A
Mask testing-limit	DSOX2MASK	DSOX3MASK	N5455A
WaveGen built-in function generator	DSOX2WAVEGEN	DSOX3WAVEGEN	–
WaveGen built-in function/arbitrary waveform generator	–	DSOX3WAVEGEN	–
Education training kit	–	DSOXEDK	DSOXEDK
CAN/LIN triggering and decode	–	DSOX3AUTO	N5424A
I ² C/SPI serial decode option	–	DSOX3EMBD	N5423A
RS-232/UART triggering and decode	–	DSOX3COMP	N5457A
I ² S triggering and decode	–	DSOX3AUDIO	N5468A
MIL-STD 1553 triggering and decode	–	DSOX3AERO	N5469A
FlexRay triggering and decode	–	DSOX3FLEX	N5432C
MIL-STD 1553/ARINC429 triggering and decode	–	DSOX3AERO	–
Advanced math	–	DSOX3ADVMATH	–
HDTV video analysis	–	DSOX3VID	–
FPGA dynamic probe for Xilinx	–	–	N5406A
FPGA dynamic probe for Altera	–	–	N5434A
Power measurement and analysis application	–	DSOX3PWR (includes U1881A)	U1881A (Opt 002)
Benchlink Waveform Builder Pro and Basic	33503A	33503A	–



*Agilent InfiniiVision
oscilloscopes — engineered for
the best signal visibility*

Recommended service options

Additional two years of Return-to-Agilent warranty
 Additional two years of Return-to-Agilent calibrations
 For more information go to www.agilent.com/find/removealldoubt

