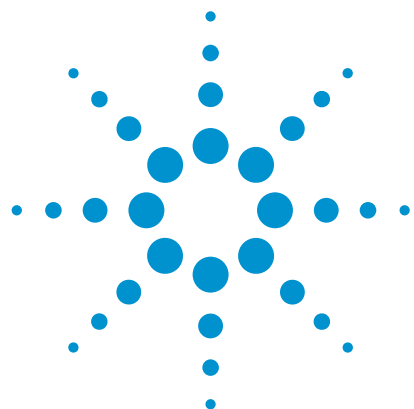
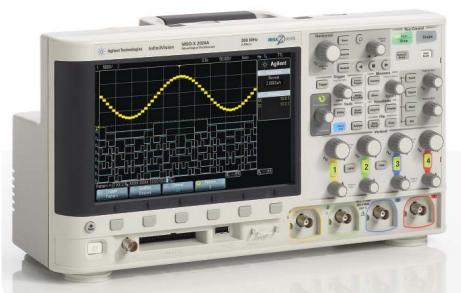




Comparison Guide: Agilent 2000 X-Series versus LeCroy WaveAce 200 Series Oscilloscopes

Agilent's new 2000 X-Series oscilloscopes use breakthrough technology to deliver value, functionality, and flexibility at prices that fit into existing budgets. The 2000 X-Series offers an 8.5-inch WVGA high resolution display and our new industry-exclusive integrated function generator and logic analyzer. Agilent-designed *MegaZoom IV* Custom ASIC technology allows you to see more signal detail with update rates of over 50,000 waveforms per second.



InfiniiVision 2000 X-Series

- 50,000 waveforms per second
- 3 instruments in 1
- Fully upgradable

Agilent-designed *MegaZoom IV* custom ASIC technology powers the fastest waveform update rates, integrated MSO, integrated industry-exclusive WaveGen, and responsive deep memory



LeCroy Image not for release

	Agilent 2000 X-Series		LeCroy WaveAce 200	
Bandwidth	70 MHz, 100 MHz, 200 MHz	✓	60 MHz, 100 MHz, 200 MHz, 300 MHz	✓
Upgradable bandwidth	Yes	✓	No	X
Sampling rate	Up to 2 GSa/s ¹	✓	Up to 1 GSa/s ¹	X
	Up to 2 GSa/s ²	✓	Up to 2 GSa/s ²	✓
Memory depth	Up to 100 kpts (2 channel models)	✓	Up to 18 kpts (2 channel models)	X
	Up to 100 kpts (4 channel models)	✓	Up to 20 kpts (4 channel models)	X
Display	8.5-inch WVGA (800 x 480)	✓	5.7-inch QVGA (320 x 240)	X
Channel count	2 and 4	✓	2 and 4	✓
Function generator	Yes	✓	No	X
Mixed signal oscilloscope	Yes – 8 channels	✓	No	X
Update rate	> 50,000 wfms/s	✓	Unspecified	X
Hardware-based mask test	Yes	✓	No	X

1. On 60/70 and 100 MHz models
2. On 200 and 300 MHz models



Agilent Technologies

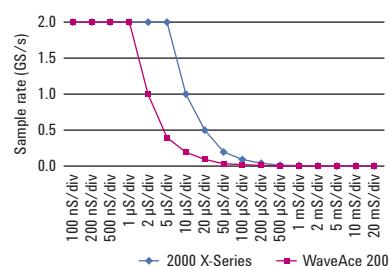
See more

Of your signal, more of the time:

- The 8.5-inch WVGA display offers 2x the viewing area and 5x the resolution versus a 5.7-inch QVGA display
- > 50,000 waveforms per second update rate allows you to see infrequent events and subtle signal details that the WaveAce will miss
- Memory depth up to 100 kpts (5x the WaveAce) allows you to keep your sample rate high at longer time/division settings



8.5-inch WVGA display offers 2x the viewing area and 5x the resolution

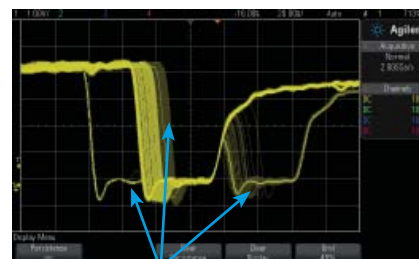


5x the memory allows you to keep sample rates higher on longer time/div settings

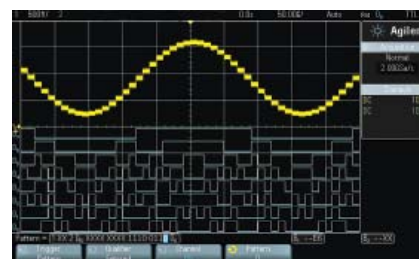
Do more

With the power of 3 instruments in 1:

- **Best-in-class oscilloscope**
Provides features not normally found in this class of scope such as a large display, deep memory, and powerful triggering
- **Industry-exclusive WaveGen built-in function generator**
Ideal for educational or design labs where bench space and budget are limited
- **Logic timing analyzer (MSO)**
Ideal for R&D engineers on a tight budget who need more than the traditional 2 or 4 analog channels to troubleshoot today's digital designs



Infrequent glitch and signal jitter captured after 2 seconds on 2000 X-Series with > 50,000 wfms/s



2000 X-Series' exclusive MSO adds eight integrated digital channels for extra triggering or logic analysis; DSO models are customer-upgradable to MSO models



2000 X-Series' exclusive integrated 20-MHz function generator saves money and space

Get more

Investment protection with the industry's only fully-upgradable oscilloscope:

- Upgradable bandwidth
- Upgradable MSO
- Upgradable WaveGen
- Optional measurement applications

Buy only what you need today. Simple, after purchase upgrades protect your investment and allow you to enhance your equipment as your needs change.

www.agilent.com
www.agilent.com/find/2000X-Series

Product specifications and descriptions in this document subject to change without notice.