



Agilent 2000 X-Series versus LeCroy WaveAce 200 Series Oscilloscopes

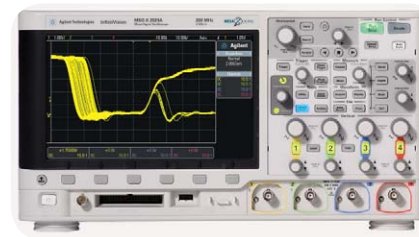
Agilent's new 2000 X-Series oscilloscopes use breakthrough technology to deliver value, functionality, and flexibility at prices that fit into existing budgets. The 2000 X-Series offers an 8.5-inch WVGA high resolution display and our new industry-exclusive integrated function generator, digital voltmeter 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
- 4 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



	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
Integrated Digital Voltmeter	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

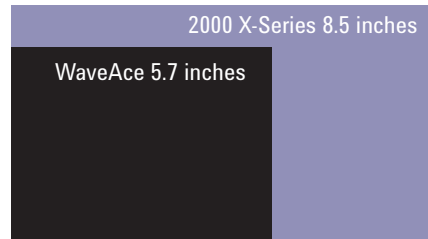
2. On 200 and 300 MHz models



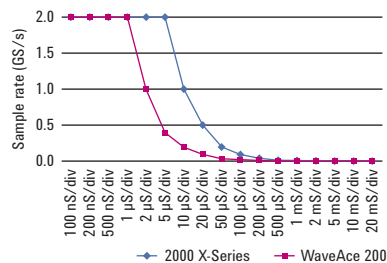
See more

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 4 instruments in 1:

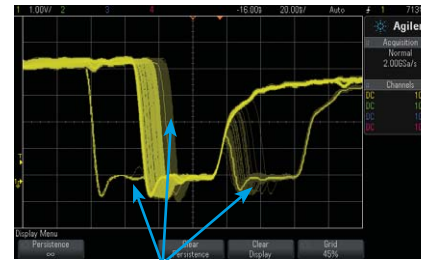
- **Best-in-class oscilloscope**
Provides features not normally found in this class of scope such as a large display, deep memory, and powerful triggering
- **Industry-exclusive WaveGen built-in function generator**
Ideal for educational or design labs where bench space and budget are limited
- **Logic 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
- **Integrated Digital Voltmeter**
Integrated 3 digit voltmeter (DVM) and 5-digit counter. The voltmeter operates through the same probes as the oscilloscope channels

Get more

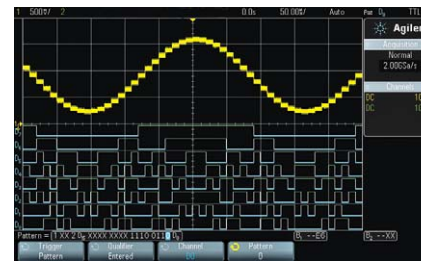
Investment protection with the industry's only fully-upgradable oscilloscope:

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

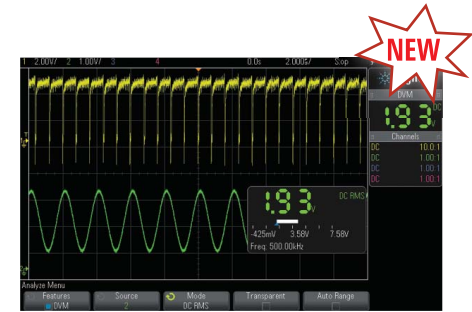
Buy only what you need today. Simple, after purchase upgrades protect your investment and allow you to enhance your equipment as your needs change.



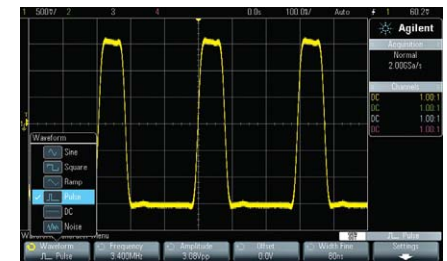
Infrequent glitch and signal jitter captured after 2 seconds on 2000 X-Series with > 50,000 wfms/s



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



Integrated Digital Voltmeter (DVM) allows you to characterize signals independently of the scopes triggering system



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