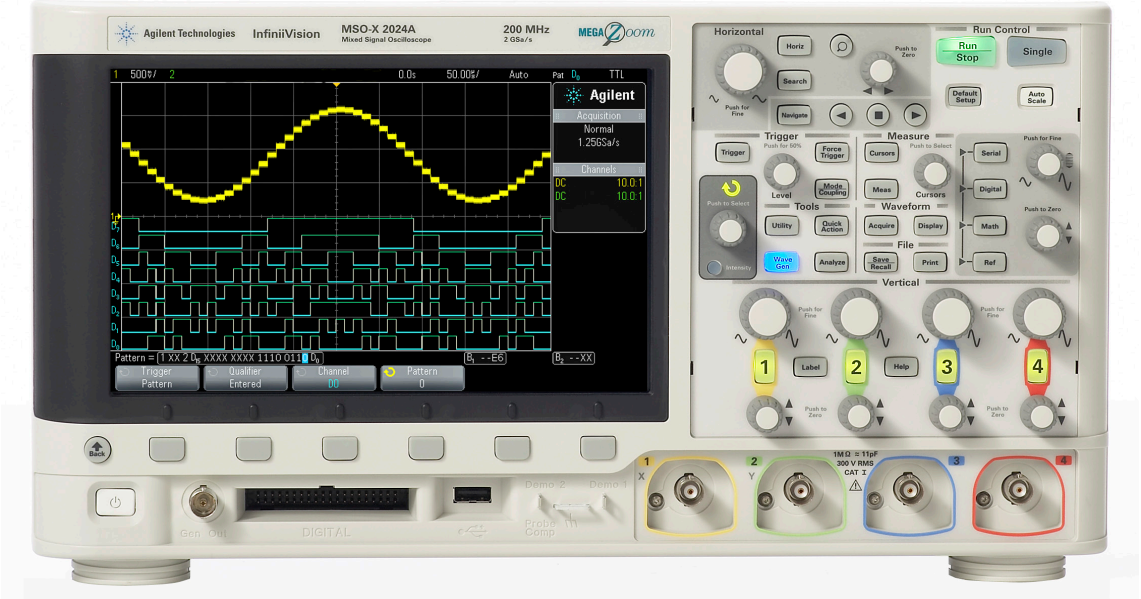
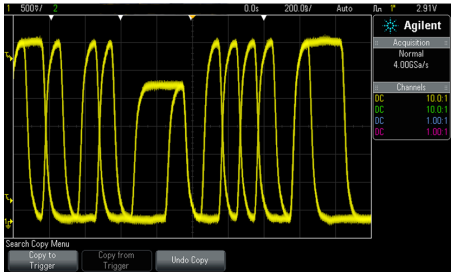
Quick Fact Sheet

Agilent InfiniiVision 2000 X-Series



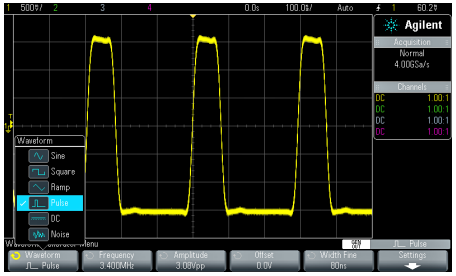
Oscilloscopes redefined: Breakthrough technology delivers more scope for the same budget



See more

of your signal more of the time

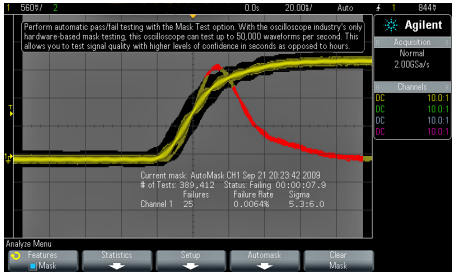
- High resolution 8.5-inch display
- Up to 50,000 wfms/s update rate
- Fast, responsive *MegaZoom* IV deep memory, 100 kpts



Do more

with the power of three instruments in one

- Best–in-class oscilloscope
- Integrated 8-channel mixed signal oscilloscope (MSO)
- Industry-exclusive WaveGen built-in function generator (optional)



Get more

investment protection with the industry's only fully upgradable scope

- Upgradable bandwidth
- Upgradable MSO
- Upgradable WaveGen built-in function generator
- Upgradable measurement applications

Key specifications	
Bandwidth	70 MHz, 100 MHz, 200 MHz
Channels	2 or 4 analog channels (DSO) +8 digital channels (MSO)
Sample rate	Up to 2 GSa/s
Memory	100 kpts
Display	8.5-inch WVGA (800 x 480)
Update rate	50,000 wfms/s
Upgradable	Bandwidth, MSO, measurement applications and WaveGen
Warranty	Standard 3-year
Connectivity	USB host (one front, one back), USB device, LAN (optional), GPIB (optional)
Starting price	$ 1,234

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Oscilloscope models

Model	Bandwidth	Maximum sample rate	Maximum memory	Analog channels	Digital channels	MSRP
DSO-X 2002A	70 MHz	2 GSa/s	100 Kpts	2	–	$ 1,234
MSO-X 2002A	70 MHz	2 GSa/s	100 Kpts	2	8	$ 1,934
DSO-X 2004A	70 MHz	2 GSa/s	100 Kpts	4	–	$ 1,875
MSO-X 2004A	70 MHz	2 GSa/s	100 Kpts	4	8	$ 2,575
DSO-X 2012A	100 MHz	2 GSa/s	100 Kpts	2	–	$ 1,494
MSO-X 2012A	100 MHz	2 GSa/s	100 Kpts	2	8	$ 2,194
DSO-X 2014A	100 MHz	2 GSa/s	100 Kpts	4	–	$ 2,215
MSO-X 2014A	100 MHz	2 GSa/s	100 Kpts	4	8	$ 2,915
DSO-X 2022A	200 MHz	2 GSa/s	100 Kpts	2	–	$ 2,125
MSO-X 2022A	200 MHz	2 GSa/s	100 Kpts	2	8	$ 2,825
DSO-X 2024A	200 MHz	2 GSa/s	100 Kpts	4	–	$ 2,616
MSO-X 2024A	200 MHz	2 GSa/s	100 Kpts	4	8	$ 3,316

Probing options

Model	Description	MSRP
N2862B	Passive probe 150 MHz 10:1 attenuation (1 per channel included 100 MHz models)	$ 105
N2863B	Passive probe 300 MHz, 10:1 attenuation (1 per channel included 200 MHz models)	$ 145
N6459-60001	8 digital channel MSO cable (1 per scope on all MSO models and on DSOX2MSO upgrades)	$ 544
N2889A	Passive probe 350 MHz 10:1/1:1 switchable attenuation	$ 130
10076B	Passive probe 250 MHz 100:1 attenuation	$ 379
N2771B	Passive probe 50 MHz 1000:1 attenuation	$ 1,431
N2791A	Differential active probe 25 MHz ±700 V	$ 600
N2792A	Differential active probe 200 MHz ±20 V	$ 1,700
N2793A	Differential active probe 800 MHz ±15 V	$ 3,000
N2891A	Differential active probe 70 MHz ±7 kV	$ 2,450
1146A	AC/DC current probe 100 kHz 100 A	$ 729
N2780A	AC/DC current probe 2 MHz 500 A (requires N2779A power supply)	$ 4,618
N2781A	AC/DC current probe 10 MHz 150 A (requires N2779A power supply)	$ 3,846
N2782A	AC/DC current probe 50 MHz 30 A (requires N2779A power supply)	$ 2,526
N2783A	AC/DC current probe 100 MHz 30 A (requires N2779A power supply)	$ 2,858

Measurement options

Model	Description	MSRP
DSOX2MSO	MSO upgrade, 8 channel	$ 700
DSOX2WAVEGEN	Waveform generator upgrade	$ 500
DSOXEDK	Educator's oscilloscope training kit	$ 500
DSOX2MASK	Mask limit testing	$ 300
DSOX2SGM	Segmented memory	$ 300
B4610A	PC offline viewing	$ 568

Accessories

Model	Description	MSRP
DSOXLAN	Module- LAN and VGA	$ 395
DSOXGPIB	Module - GPIB	$ 500
N6456A	Rack mount kit	$ 350
N6457A	Soft carrying case and front cover	$ 350
N6458A	Hard copy manual	$ 50

www.agilent.com
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