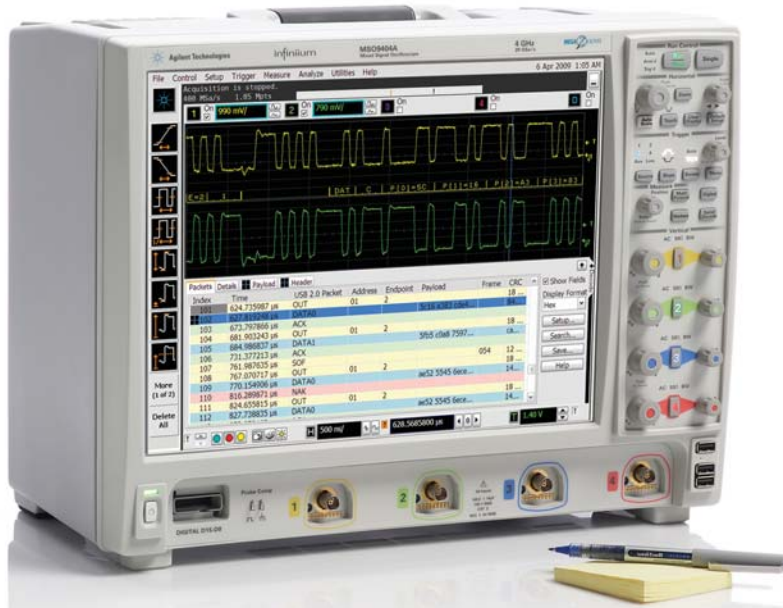


Agilent Infiniium 9000 Series Oscilloscopes

Engineered for broadest measurement capability



What makes the Infiniium 9000 Series the go-to scope for a complete range of test and debug challenges?

Three instruments in one.

- **Oscilloscope:** Fast sample and update rates let you see a precise representation of your signal. Scope is packed with features and analysis capabilities.
- **Logic analyzer:** Fast, deep-memory digital channels show critical data values and timing relationships
- **Protocol analyzer:** World's first scope-based protocol viewer with multi-tab viewing so you can quickly move between protocol and physical layers.

Widest range of application-specific software for debug, analysis and compliance testing

Sized to fit your environment

with the largest display (15"), a smaller depth (9") and lighter weight (26 lbs) than any other scope in its class.



Extend your scope capability with protocol analysis. The tracking marker/bar shows precise time alignment between protocol viewer and analog waveforms



Use responsive deep memory to see longer periods of time.



Integrated mixed-signal oscilloscope lets you trigger across time-correlated analog and digital channel combinations.

Key specifications

Bandwidth	600 MHz, 1 GHz, 2.5 GHz and 4 GHz models
Channels	4-ch, and 4-ch + 16 digital channels models
Sample rate	10 GSa/s (20 GSa/s on 2-ch) (600 MHz is 5 GSa/s on 4 ch and 10 GSa/s on 2 ch)
Memory	10 Mpts standard (20 Gpts on 2-ch)
Display	15" high-definition display with XGA resolution
Triggering	Edge, glitch, runt, timeout, pattern/pulse range, state, pulse width line, window, setup and hold, video and serial
Warranty	Standard 1-year warranty

Quick Fact Sheet

Order the mixed-signal oscilloscope (MSO) to add 16 digital timing channels to any scope

Oscilloscope models

Model	Bandwidth	Sample* rate	Memory* depth	Scope channels	MSRP
DS09064A	600 MHz	5 GSa/s	10 Mpts	4	\$17,000
MS09064A	600 MHz	5 GSa/s	10 Mpts	4 + 16 digital	\$21,000
DS09104A	1 GHz	10 GSa/s	10 Mpts	4	\$19,900
MS09104A	1 GHz	10 GSa/s	10 Mpts	4 + 16 digital	\$23,900
DS09254A	2.5 GHz	10 GSa/s	10 Mpts	4	\$27,900
MS09254A	2.5 GHz	10 GSa/s	10 Mpts	4 + 16 digital	\$31,900
DS09404A	4 GHz	10 GSa/s	10 Mpts	4	\$37,500
MS09404A	4 GHz	10 GSa/s	10 Mpts	4 + 16 digital	\$41,500

* In 2 ch mode, sample rate and memory depth double

Options and accessories

Model	Description	MSRP
Option-020	Upgrade to 20 Mpts of memory	\$2,500
Option-050	Upgrade to 50 Mpts of memory	\$5,000
Option-100	Upgrade to 100 Mpts of memory	\$10,000
Option-200	Upgrade to 200 Mpts of memory	\$20,000
Option-500	Upgrade to 500 Mpts of memory	\$30,000
N2901A	DS09104A to MS09104A upgrade kit	\$4,000
N2901B	DS09254A to MS09254A upgrade kit	\$4,000
N2901C	DS09404A to MS09404A upgrade kit	\$4,000
N2901D	DS09064A to MS09064A upgrade kit	\$4,000
Option-820	External DVD-RW with USB connection	\$250
N2902A (or Option-1CM)	9000 Series oscilloscope rackmount kit	\$750
N2903A	Additional removable hard disk drive	\$500

For a complete listing of available Agilent probes, see the *Agilent Probes and Accessories Selection Guide*, publication number 5989-6162EN.

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

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

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Recommended probes

Model	Key characteristics	MSRP
N2783A	500-MHz passive probes (standard)	
1130A	1.5 GHz InfiniiMax probe (optional)	\$2,959

Applications

Model	Description	MSRP
N5462B	RS-232/UART triggering and decode	\$1,753
E2681A	EZJIT jitter analysis software	\$4,465
N5384A	High-speed SDA and clock recovery	\$4,338
N5400A	EZJIT Plus jitter analysis software	\$8,502
N5464B	USB triggering and decode	\$1,753
N5463B	PCI Express 1.1 triggering and decode	\$2,505
N5391B	I ² C/SPI triggering and decode	\$1,753
N8803B	CAN/FlexRay triggering and decode	\$1,545
N5415A	InfiniiScan	\$2,915
N5430A	User-defined function	\$2,211
N5452A	Application remote programming interface	\$1,095
N5461A	InfiniiSim signal equalization	\$5,004
N5465A-	001 InfiniiSim basic signal de-embedding	\$3,000
N5465A-	002 InfiniiSim advanced signal de-embedding	\$6,000
U1882A	Power measurement application software	\$2,104
N5397A	Xilinx FPGA dynamic probe	\$2,054
N5433A	Altera FPGA dynamic probe	\$2,061
N5392A	Ethernet compliance application	\$4,412
N5416A	USB 2.0 compliance application	\$2,187
U7233A	DDR1 validation application	\$3,506
N5413A	DDR2 validation application	\$3,585
U7231A	DDR3 validation application	\$3,524
N5467A	User-definable application	\$1,995
N8802A	MIPI D-PHY Trigger and decode	\$1,750
U7238A	MIPI D-PHY compliance	\$4,209
N8801A	SATA Trigger and compliance	\$1,750