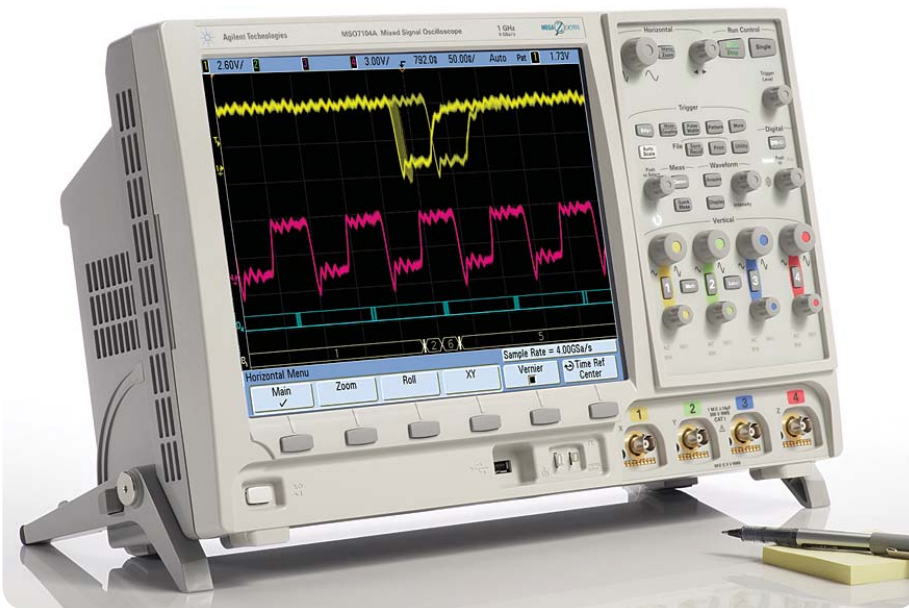


Agilent InfiniiVision 7000 Series Oscilloscopes

Engineered for the BEST signal visibility

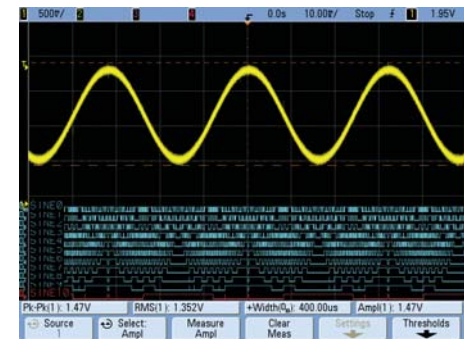


Key specifications

| | |
|--------------------|---|
| Bandwidth | 350 MHz, 500 MHz, and 1 GHz models |
| Channels | 2-ch, 4-ch, 2-ch + 16 digital, and 4-ch + 16 digital |
| Sample rate | 2 GSa/s (350 MHz), 4 GSa/s (500 MHz – 1 GHz) |
| Memory | 8 Mpts standard |
| Display | 12.1" high-definition display with XGA resolution, 256 levels of intensity and 100,000 waveform/sec update rate |
| Triggering | Edge, pulse width, pattern, TV, duration, sequence, serial bus (I ² C, SPI, CAN, LIN, FlexRay, RS232/UART and USB) |



See even the most elusive events with update rates as much as 5000 times better than comparative scopes.



Capture a mix of analog and digital signals. Compare multiple cycles of digital signals with slower analog phenomena.



Capture long streams of serial data and gain fast insight into the problem with real-time hardware-based serial decode for I²C, SPI, CAN, LIN, FlexRay, RS232/UART and USB.

Engineered with advanced technology that allows you to see more subtle signal detail and more infrequent events than any other scope on the market.

Industry's biggest (12.1") screen
so you see analog, digital and serial signals better – in one instrument.

Fastest uncompromised update rate
shows you critical signal detail and infrequent events that other scopes miss.
Powered by **MEGA Zoom III**

Industry's only hardware accelerated serial decode gives you faster insight.

- I²C, SPI and CAN/LIN
- FlexRay
- RS-232/UART
- Segmented memory

Plus

- DSO/MSO offline analysis using PC
- Core-assisted FPGA debug
- Power measurements
- Secure environment

TESTEQUITY

<http://agilent.testequity.com>

800.588.3457

Agilent Technologies
Authorized Distributor

Order the mixed-signal oscilloscope (MSO) to add 16 digital timing channels to any 2- or 4-channel scope

Oscilloscope models

| Model | Bandwidth | Sample rate | Memory depth | Scope channels | Price (US\$) |
|-----------------|-----------|-------------|--------------|----------------|---------------------|
| DSO / MSO 7032A | 350 MHz | 2 GSa/s | 8 Mpts | 2 | \$6,950 / \$9,000 |
| DSO / MSO 7034A | 350 MHz | 2 GSa/s | 8 Mpts | 4 | \$8,850 / \$11,300 |
| DSO / MSO 7052A | 500 MHz | 4 GSa/s | 8 Mpts | 2 | \$9,300 / \$13,300 |
| DSO / MSO 7054A | 500 MHz | 4 GSa/s | 8 Mpts | 4 | \$11,050 / \$14,500 |
| DSO / MSO 7104A | 1 GHz | 4 GSa/s | 8 Mpts | 4 | \$13,950 / \$17,900 |

Options and accessories

| Model | Description | Price (US\$) |
|--------------|---|--------------|
| N2735A | 2-ch 350 MHz DSO to MSO upgrade kit* | \$2,050 |
| N2735A | 4-ch 350 MHz DSO to MSO upgrade kit | \$2,480 |
| N2736A | 2-ch 500 MHz DSO to MSO upgrade kit | \$4,000 |
| N2736A | 4-ch 500 MHz DSO to MSO upgrade kit | \$3,450 |
| N2737A | 1 GHz DSO to MSO upgrade kit | \$3,950 |
| SEC | Secure Environment Mode – Provides compliance with National Industrial Security Program Operating Manual (NISPOM) Chapter 8 requirements (factory-installed option only for new purchase) | \$510 |
| A6J | ANSI Z540 compliant calibration | \$1,171 |
| N2733A | Soft carrying case for 7000 Series oscilloscope | \$150 |
| N2732A | Rackmount kit for 7000 Series oscilloscope | \$500 |
| GemStar 5000 | Transit case with foam molding customized for InfiniiVision 7000 Series available from GemStar Mfg. www.gemstarmfg.com | \$500 |

*Includes a 54620-68701 logic cable kit, a label and an upgrade license to activate the MSO features. Installs in less than 10 minutes.

Applications

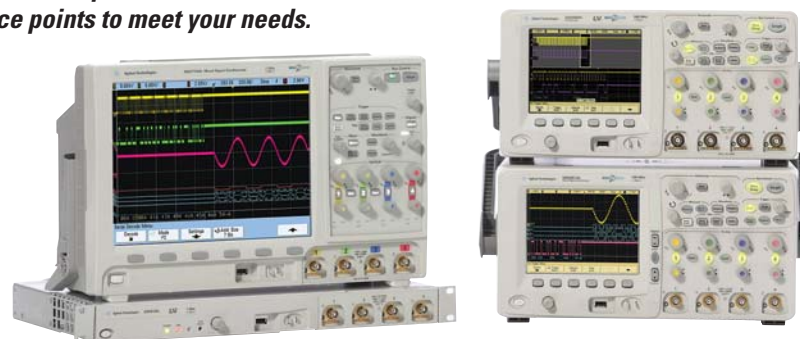
| Model | Description | Price (US\$) |
|--------------|---|--------------|
| AMS / N5424A | CAN/LIN automotive triggering and decode (for 4 channel DSO/MSO models only) | CALL* |
| LSS / N5423A | I ² C/SPI serial decode option (for 4 channel DSO/MSO models only) | \$1,021 |
| FRS / N5432A | FlexRay automotive triggering and decode (for 4 channel MSO models only and requires VPT1000) | CALL* |
| 232 / N5457A | RS-232/UART triggering and decode (for 4 channel DSO/MSO models only) | \$1,250 |
| N5406A | FPGA dynamic probe for Xilinx (MSO models only) | CALL* |
| N5434A | FPGA dynamic probe for Altera (MSO models only) | \$1,535 |
| B4610A | Offline viewing and analysis of MSO/DSO data on a PC | \$500 |
| U1881A | Power measurement and analysis application | \$1,500 |

*Call your distributor for current US pricing.

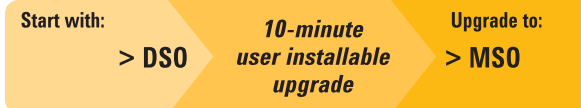
Recommended probes

| Model | Key characteristics | Price (US\$) |
|--------|---|--------------|
| 10070C | 1:1 20 MHz with probe ID | \$170 |
| 10073C | 10:1 500 MHz with probe ID | \$287 |
| 10076A | 100:1, 4 kV, 250 MHz probe with ID | \$314 |
| N2771A | 1000:1, 30 kV, 50 MHz probe | \$1,021 |
| 1156A | 1.5 GHz AutoProbe interface | \$2,336 |
| 1130A | 1.5 GHz InfiniiMax amplifier with AutoProbe interface (requires one or more InfiniiMax probe head – E2675A, E2668A, E2669A) | \$2,825 |
| N2772A | 20 MHz, 1.2 kVDC + peak AC max (requires N2773A power supply) | \$759 |
| 1141A | 200 MHz, 200 VDC + peak AC max (requires 1142A power supply) | \$2,688 |
| 1146A | 100 kHz, 100 A, AC/DC | \$713 |
| 1147A | 50 MHz, 30 A, AC/DC with AutoProbe interface | \$2,255 |
| N2783A | 100 MHz, 30 A, AC/DC (use with N2779A power supply) | \$2,660 |

Get the same superior InfiniiVision in other form factors and price points to meet your needs.



The only scope that grows with your needs and budget.



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