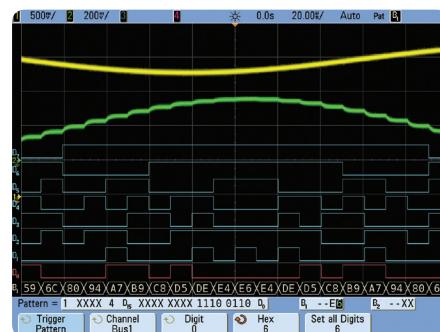
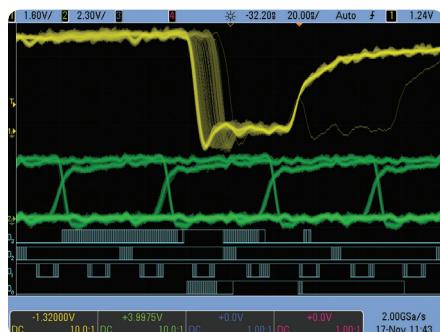
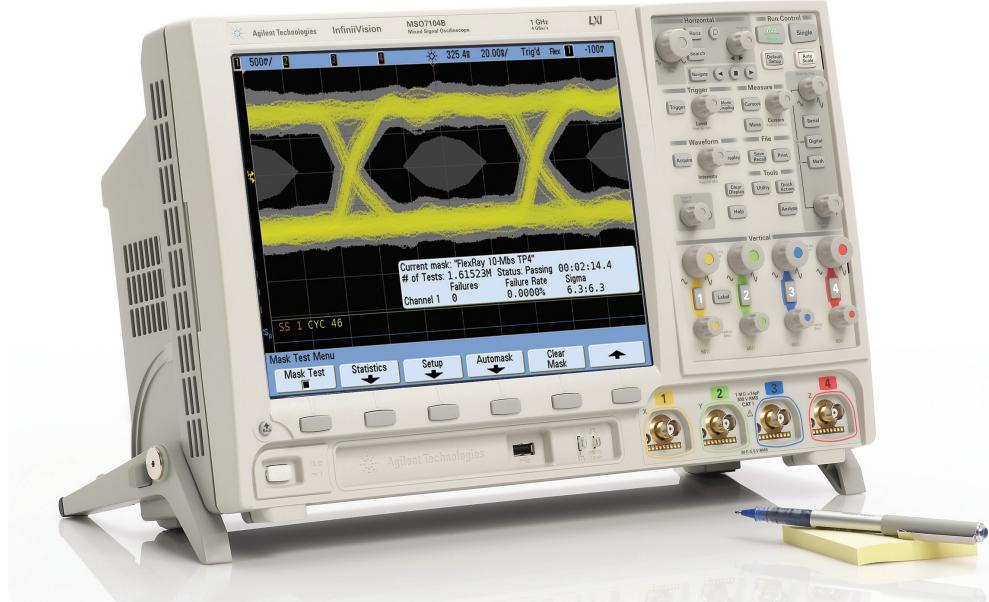


Quick Fact Sheet

Agilent InfiniiVision 7000B Series Oscilloscopes

Engineered for the BEST signal visibility

Agilent's new 7000B series oscilloscopes are engineered with the best signal visibility to let you see more subtle signal details and infrequent events better than any other scope on the market.



See more subtle signal detail and infrequent events better than any other scope on the market.

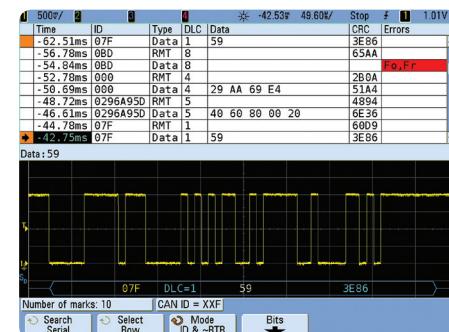
Attractive: Industry's biggest (12.1") screen

Fast: Fastest uncompromised update rate shows you critical signal details and infrequent events that other scopes miss

Smart: Insightful applications with the industry's only hardware accelerated decode to give you faster insight

Key specifications

| | |
|-------------|--|
| Bandwidth | 100 MHz, 350 MHz, 500 MHz, and 1 GHz models |
| Channels | 2-ch, 4-ch, 2-ch + 16 digital, 4-ch + 16 digital |
| Sample rate | 2 GSa/s (100 MHz – 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, MIL-STD 553, RS232/UART, I ² S and USB) |
| Warranty | Standard 3-year warranty |



Quick Fact Sheet

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 | MSRP |
|---------------|-----------|-------------|--------------|----------------|---------------------|
| DSO/MSO 7012B | 100 MHz | 2 GSa/s | 8 Mpts | 2 | \$4,995 / \$6,802 |
| DSO/MSO 7014B | 100 MHz | 2 GSa/s | 8 Mpts | 4 | \$6,060 / \$8,050 |
| DSO/MSO 7032B | 350 MHz | 2 GSa/s | 8 Mpts | 2 | \$7,306 / \$9,800 |
| DSO/MSO 7034B | 350 MHz | 2 GSa/s | 8 Mpts | 4 | \$8,735 / \$11,700 |
| DSO/MSO 7052B | 500 MHz | 4 GSa/s | 8 Mpts | 2 | \$9,856 / \$14,042 |
| DSO/MSO 7054B | 500 MHz | 4 GSa/s | 8 Mpts | 4 | \$12,725 / \$15,691 |
| DSO/MSO 7104B | 1 GHz | 4 GSa/s | 8 Mpts | 4 | \$15,466 / \$19,500 |

Options and accessories

| Model | Description | MSRP |
|------------------|--|---------|
| N2741A-002 | 2-ch 100 MHz DSO to MSO upgrade kit ¹ | \$2,136 |
| N2741A-004 | 4-ch 100 MHz DSO to MSO upgrade kit ¹ | \$2,580 |
| N2735A-002 | 2-ch 350 MHz DSO to MSO upgrade kit ¹ | \$2,222 |
| N2735A-004 | 4-ch 350 MHz DSO to MSO upgrade kit ¹ | \$2,683 |
| N2736A-002 | 2-ch 500 MHz DSO to MSO upgrade kit ¹ | \$4,334 |
| N2736A-004 | 4-ch 500 MHz DSO to MSO upgrade kit ¹ | \$3,738 |
| N2737A | 1 GHz DSO to MSO upgrade kit ¹ | \$4,281 |
| SEC | Secure Environment Mode – Provides compliance with National Industrial Security Program Operating Manual (NISPO) Chapter 8 requirements (factory-installed option only for new purchase) | \$585 |
| A6J | ANSI Z540 compliant calibration | \$317 |
| ABA ² | English language option with manual | \$0 |
| ABJ | Japanese language option with manual and overlay | \$0 |
| AB2 | Traditional and Simplified Chinese language option with manual and overlay | \$0 |

1. Includes a 54620-68701 logic cable kit, a label and an upgrade license to activate the MSO features.

2. English is standard, or substitute an alternative language for manual and front panel overlay

For more information on this and other Agilent scopes please visit www.agilent.com/find/7000

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

Applications

| Model | Description | MSRP |
|-------------|--|---------|
| AMS/ N5424A | CAN/LIN protocol triggering and decode (for 4 and 4+16 channel models only) | \$1,500 |
| LSS/ N5423A | I ² C/SPI serial decode option (for 4 and 4+16 channel models only) | \$1,500 |
| SND/N5468A | I ² S Triggering and decode for (for 4 channel DSO/MSO models only) | \$1,500 |
| 232/ N5457A | RS-232/UART triggering and decode (for 4+16 channel models only) | \$1,500 |
| 533/N5469A | MIL-STD-1553 triggering and decode | \$1,500 |
| N5432C | Flexray triggering and decode | \$4,500 |
| N5406A | FPGA dynamic probe for Xilinx (MSO models only) | \$1,700 |
| N5434A | FPGA dynamic probe for Altera (MSO models only) | \$1,700 |
| B4610A | Offline viewing and analysis of MSO/DSO data on a PC | \$568 |
| U1881A | Power measurement and analysis application | \$1,563 |
| SGM/ N5454A | Segmented memory | \$1,500 |
| LMT/N5455A | Mask testing-limit | \$750 |

Recommended probes

| Model | Key characteristics | MSRP |
|--------|--|---------|
| 10070D | 1:1 20 MHz with probe ID | \$183 |
| 10073D | 10:1, 500 MHz with probe ID (1 per channel comes standard) | \$353 |
| N2873A | 10:1, 500 MHz passive probe with ID (optional at no added cost) | \$351 |
| 10076B | 100:1, 4 kV, 250 MHz probe with ID | \$379 |
| N2771A | 1000:1, 30 kV, 50 MHz passive probe | \$1,431 |
| N2795A | 1 GHz low-cost single-ended active probe with AutoProbe interface | \$999 |
| N2796A | 2 GHz low-cost single-ended active probe with AutoProbe interface | \$1,999 |
| 1156A | 1.5 GHz single-ended active probe with AutoProbe interface | \$2,629 |
| 1130A | 1.5 GHz InfiniiMax differential amplifier with AutoProbe interface (requires one or more InfiniiMax probe head – E2675A, E2668A, E2669A) | \$3,048 |
| N2790A | 100 MHz, 1.4 kV differential probe with AutoProbe interface | \$1,250 |
| N2791A | 25 MHz, 700 V differential probe | \$600 |
| N2792A | 200 MHz, 20 V differential probe | \$1,700 |
| N2793A | 800 MHz, 15 V differential probe | \$3,000 |
| 1146A | 100 kHz, 100 A, AC/DC current probe | \$729 |
| 1147A | 50 MHz, 15 A, AC/DC current probe with AutoProbe interface | \$2,051 |
| N2893A | 100 MHz, 15 A, AC/DC current probe with AutoProbe interface | \$3,400 |
| N2783A | 100 MHz, 30 A, AC/DC current probe (use with N2779A power supply) | \$2,853 |

For more information about InfiniiVision oscilloscope probes and accessories, refer to the Agilent literature number, 5968-8153EN.

Technical data, availability and pricing subject to change without notice.

© Agilent Technologies, Inc. 2010, Printed in USA, October 14, 2010

5990-4960END1