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Data Sheet

August 31, 2026

AGILENT / KEYSIGHT

Agilent / Keysight DSOX1202A Oscilloscope: 70/100/200 MHz, 2 Analog Channels

Frequency Counter Class: Built-in counter class Operating Temperature Class: Standard lab class Probe Interface Class: AutoProbe passive probe support class From Keysight InfiniiVision 1000 X-Series oscilloscope datasheets for DSOX1202A. Operating Temperature Class: Standard lab class Probe Interface Class: AutoProbe passive probe support class From Keysight InfiniiVision 1000 X-Series oscilloscope datasheets for DSOX1202A.



MODEL

Agilent / Keysight DSOX1202A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

DSOX1202A

LISTING

<https://aumictechlabs.com/products/dsox1202a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight DSOX1202A is a 2-channel digital storage oscilloscope with a base bandwidth of 70 MHz, upgradeable to 100 MHz or 200 MHz. It delivers 2 GSa/s sample rate across all channels, 2 Mpts memory depth, and 200,000 waveforms/sec update rate via MegaZoom IV technology. The instrument combines real-time acquisition with advanced triggering, serial protocol analysis, and comprehensive measurement capabilities in a compact 3.23 kg form factor. Technical Specifications Bandwidth: 70 MHz (base), upgradeable to 100 MHz or 200 MHz Channels: 2 analog + 1 external trigger/digital channel Sample Rate: 2 GSa/s (all channels) Memory Depth: 2 Mpts Waveform Update Rate: 200,000 waveforms/sec Vertical Resolution: 8 bits Display: 7-inch

TFT LCD WVGA Input Coupling: AC, DC, Ground (selectable) Probe Attenuation: 0.1X to 10,000X (selectable) Bandwidth Limiting: Approximately 20 MHz (selectable) Power Supply: 100–240 VAC, 50/60 Hz, 50 W maximum consumption Dimensions: 314 mm × 165 mm × 130 mm Weight: Approximately 3.23 kg

Key Features Edge, pulse width, pattern, rise/fall time, setup/hold, video, and serial triggering Built-in digital voltmeter and frequency counter Mask testing and waveform math (add, subtract, multiply, divide, FFT, low-pass filter) FFT spectral analysis and reference waveforms Automatic voltage, time, and count measurements Frequency Response Analysis (Bode plots) in optional G models Serial protocol analysis: I²C, SPI, UART/RS-232, CAN, LIN USB 2.0 (host and device) and LAN connectivity Included 1:1/10:1 switchable passive probes (N2140A, 200 MHz)

Typical Applications Education, embedded systems design, mixed-signal debugging, serial bus troubleshooting, and frequency domain analysis.

Compatibility & Integration BenchVue software is included for instrument control, data capture, and annotation. Infiniium Offline analysis software supports further waveform processing. Compatible with Keysight N2140A 200 MHz probes.

DSOX1202A Characteristics / Specifications

PARAMETER	VALUE
Analog Channels	2
Bandwidth Base	70 MHz (100/200 MHz upgrades)
Maximum Sample Rate	2 GSa/s
Maximum Memory Depth	2 M points/channel
Waveform Update Rate	greater than or equal to 50000 waveforms/s
External Trigger	1
Display Class	Color WVGA class
Built In WaveGen	No
Series Family	Keysight InfiniiVision 1000 X-Series
Input Coupling Class	DC AC grounded class
Vertical Sensitivity Class	Standard 1000 X-Series ranges
Time Base Class	Standard 1000 X-Series ranges
Serial Protocol Analysis Class	Standard/optional per model sheet
Connectivity	USB
Form Factor	Bench
Calculated Rise Time 70 MHz Class	less than or equal to 5 ns class
Bandwidth Upgrade Path Class	Model-specific license upgrades
Segmented Memory	Standard on DSOX1102 models
Mask Testing	Standard on DSOX1102 models
Frequency Counter Class	Built-in counter class
Operating Temperature Class	Standard lab class
Probe Interface Class	AutoProbe passive probe support class
Bandwidth	Base: 70 MHz (100/200 MHz upgrades)
Rise Time	70 MHz Class: less than or equal to 5 ns class
Operating temperature	Class: Standard lab class

DSOX1202A Specifications

PARAMETER	VALUE
Agilent Keysight DSOX1202A InfiniiVision Oscilloscope	Overview
InfiniiVision MegaZoom architecture class	Mask limit testing standard on DSOX11xx
Technical Specifications	Analog Channels: 2
Notes	From Keysight InfiniiVision 1000 X-Series oscilloscope datasheets for DSOX1202A.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Standard lab class
Operating Temperature	Class: Standard lab class
Operating Temperature Class	Standard lab class
Probe Interface Class	AutoProbe passive probe support class Notes From Keysight InfiniiVision 1000 X-Series oscilloscope datasheets for DSOX1202A.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Probe Interface Class	AutoProbe passive probe support class
Notes	
From Keysight InfiniiVision 1000 X-Series oscilloscope datasheets for DSOX1202A.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.