

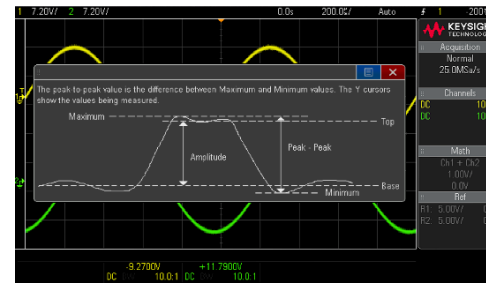
# Keysight InfiniiVision 1000 X-Series Oscilloscopes

Scrap the toys. Get a real oscilloscope!

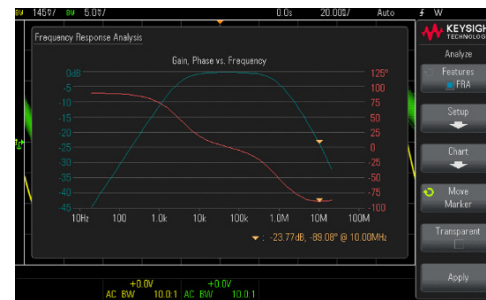


Model	Description
Bandwidth	50 MHz, 70 MHz, 100 MHz
Channels	2 analog channels
Sample rate	Up to 2 GSa/s
Memory	Up to 1 Mpt per channel
Display	7-inch WVGA
Update rate	50,000 wfms/s
6-in-1 integration	Oscilloscope WaveGen built-in 20 MHz function generator (standard on EDUX1002G and DSOX1102G) Serial protocol analyzer – option (EDUX1EMBD, DSOX1EMBD, DSOX1AUTO) Digital voltmeter – free with product registration Frequency counter – standard Frequency response analyzer – option (standard on EDUX1002G and DSOX1102G)
Upgradable	Bandwidth, serial protocol analyzer, warranty
Warranty	Standard 3-year, upgradable to 5-year
Calibration interval	5 year
Connectivity	USB host, USB device, BenchVue ready

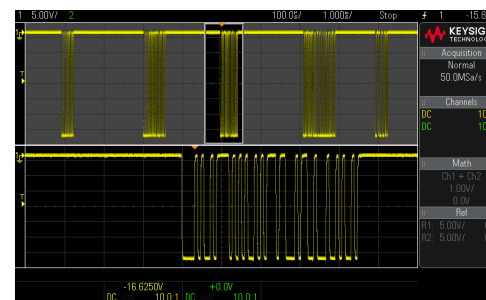
Keysight's InfiniiVision 1000 X-Series oscilloscopes are engineered to give you quality, industry-proven technology at unbelievably low prices. Now it's easy to get professional measurements and expertise at your fingertips. Don't settle for less – and test to impress.



Built-in help and training signals



Bode plot feature for frequency response analysis



Hardware-based serial trigger and decode

Have confidence in your measurements with **Keysight-custom technology** that leverages more than 60 years of oscilloscope expertise

Test quickly and easily with a simple, intuitive user-interface and **built-in help and training signals**

Get **professional-level oscilloscope functionality** with industry-leading software analysis and **6-in-1 integration**

## Oscilloscope models

Model	Bandwidth	Maximum sample	Maximum memory	Analog channels
EDUX1002A	50 MHz	1 GSa/s	100 kpt per channel	2
EDUX1002G	50 MHz	1 GSa/s	100 kpt per channel	2
DSOX1102A <sup>1</sup>	70 MHz	2 GSa/s	1 Mpt per channel	2
DSOX1102G <sup>1</sup>	70 MHz	2 GSa/s	1 Mpt per channel	2

1. 100 MHz option available with the DSOX1B7T102 upgrade option.

## Measurement information

Model	Description
DSOX1B7T102	Bandwidth upgrade 70 to 100 MHz for DSOX models
EDUX1EMBD	Embedded serial triggering and analysis for EDUX models (I <sup>2</sup> C, UART/RS-232)
DSOX1EMBD	Embedded serial triggering and analysis for DSOX models (I <sup>2</sup> C, SPI, UART/RS-232)
DSOX1AUTO	Automotive serial triggering and analysis for DSOX models (CAN, LIN)

Application	Description
WaveGen	Integrated 20 MHz function generator Standard on G models only
FRA	Frequency response analysis (Bode plot) Standard on G models only
DVM	Integrated digital voltmeter Free with product registration
EDK	Educator's oscilloscope training kit Standard
Mask test	Mask limit testing Standard on DSOX models
Segmented mem	Segmented memory application Standard on DSOX models
Serial decode	Embedded and automotive serial decode options Optional (see above)
BenchVue	BenchVue ready BV0004B
UDA	User-defined Application software N5467B/C

## Accessories

Model	Description
N2133A	Rackmount kit
N2738A	Soft carrying case
N2132A	Hard copy manual
N2141A	Accessory kit for N2140A passive probes (included with DSOX models)
N2143A	Accessory kit for N2142A passive probes (included with EDUX models)

## Probing options

Model	Description
N2140A	Passive probe 200 MHz, 10:1/1:1 switchable attenuation (1 per channel included with 70 and 100 MHz models)
N2142A	Passive probe 75 MHz, 10:1/1:1 switchable attenuation (1 per channel included with 50 MHz models)
N2862B	Passive probe 150 MHz, 10:1 attenuation
N2863B	Passive probe 300 MHz, 10:1 attenuation
N2889A	Passive probe 350 MHz, 10:1/1:1 switchable attenuation

## Accessories included

Standard SEC mode (secure environment)	
N2140A 200 MHz, 10:1/1:1 passive probe	Standard one per channel with 70 and 100 MHz models
N2142A 75 MHz, 10:1/1:1 passive probe	Standard one per channel with 50 MHz models
N2141A accessory kit for N2140A passive probe	Standard with 70 and 100 MHz models
N2143A accessory kit for N2142A passive probe	Standard with 50 MHz models

## Languages

Built-in help language support for English, Japanese, Simplified Chinese, Traditional Chinese, Korean, German, French, Spanish, Russian, Portuguese, Italian, Polish and Thai
Certificate of Calibration Documentation CD
Interface language support GUI menus for English, Japanese, Simplified Chinese, Traditional Chinese, Korean, German, French, Spanish, Russian, Portuguese, Italian, Polish, Czech, Thai and Turkish
Localized power cord

[www.keysight.com/find/1000X-Series](http://www.keysight.com/find/1000X-Series)



Keysight Assurance Plans

[www.keysight.com/find/AssurancePlans](http://www.keysight.com/find/AssurancePlans)

Up to ten years of protection and no budgetary surprises to ensure your instruments are operating to specification, so you can rely on accurate measurements.