

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| Contact | Steve Alves |
| Telephone | 012 678 9200 |
| Cell | 083 250 9519 |
| Email | steve\_alves@concilium.co.za |
|  |

 | FOR IMMEDIATE RELEASEMarch 1, 2017 |

Keysight Technologies Introduces Ultra-Low Cost Oscilloscope Series

New 50 to 100 MHz oscilloscopes have professional-level functionality, software analysis

Keysight Technologies have today announced the InfiniiVision 1000 X-Series oscilloscopes. This new low-cost oscilloscope series, with a starting price of approximately R7000\* has 50 to 100 MHz models that feature unique, Keysight-custom technology. The oscilloscopes deliver professional-level functionality with industry-leading software analysis and 6-in-1 instrument integration.

The 1000 X-Series uses Keysight’s unique MegaZoom IV custom ASIC technology, which enables a high 50,000 waveforms per second update rate. This makes it easier to see random and infrequent glitches and anomalies that similarly-priced oscilloscopes might miss. The 1000 X-Series also has a high sampling rate of up to 2 GSa/s and comes standard with two probes. The oscilloscopes use segmented memory capability to maximize memory depth while helping the scope test faster.

Six-in-one instrument integration means the 1000 X-Series gives users even more value for their money and saves valuable bench space. In addition to being an oscilloscope, the 1000 X-Series is also a serial protocol analyzer, digital voltmeter and frequency counter—and the EDUX1002G and DSOX1102G models include a frequency response analyzer and WaveGen function generator. Bode plot fundamentals are easy to teach with the built in WaveGen and frequency response analysis.

\*Exchange rate dependent

# # #

If you would like more information about this topic, please contact Lizzy Mabaso at 012 678 9200 or info@concilium.co.za.

Full release follows:

**Keysight Technologies Introduces Ultra-Low Cost Oscilloscope Series**

**New 50 to 100 MHz oscilloscopes have professional-level functionality, software analysis**

**Highlights:**

         Ideal for students and new scope users

         Includes an educator’s resource kit with built-in training signals and comes standard with a comprehensive oscilloscope lab guide at no additional cost

         Unique 6-in-1 instrument integration gives users even more value for their investment, including a Keysight exclusive feature—built-in frequency response analyzer with Bode plotting

SANTA ROSA, Calif., March 1, 2017 – Keysight Technologies, Inc. (NYSE: KEYS) today announced the [InfiniiVision 1000 X-Series oscilloscopes](http://www.keysight.com/en/pcx-2759552?cc=US&lc=eng). This new low-cost oscilloscope series, with a starting price of $449 (USD), has 50 to 100 MHz models that feature unique, Keysight-custom technology. The oscilloscopes deliver professional-level functionality with industry-leading software analysis and 6-in-1 instrument integration.

The 1000 X-Series uses Keysight’s unique MegaZoom IV custom ASIC technology, which enables a high 50,000 waveforms per second update rate. This makes it easier to see random and infrequent glitches and anomalies that similarly-priced oscilloscopes might miss. The 1000 X-Series also has a high sampling rate of up to 2 GSa/s and comes standard with two probes. The oscilloscopes use segmented memory capability to maximize memory depth while helping the scope test faster.

These oscilloscopes are ideal for new users and students. Not only are they low cost, but learning how to use the scope and set up measurements is simple. The industry-standard front panel is easy to use and features built-in help so new users can quickly analyze signals to deliver results. Unlike most scopes in this class, the educator’s resource kit comes standard. The kit includes built-in training signals, a comprehensive oscilloscope lab guide written specifically for undergraduate students, and an oscilloscope fundamentals slide set for professors and lab assistants.

“When designing the 1000 X-Series, we looked for ways to aggressively reduce costs while delivering a high-quality product,” said Dave Cipriani, vice president and general manager of Keysight’s Digital Photonics Center of Excellence. “We are excited to offer customers a low-priced solution that delivers excellent measurement performance and software analysis capabilities.”

Six-in-one instrument integration means the 1000 X-Series gives users even more value for their money and saves valuable bench space. In addition to being an oscilloscope, the 1000 X-Series is also a serial protocol analyzer, digital voltmeter and frequency counter—and the EDUX1002G and DSOX1102G models include a frequency response analyzer and WaveGen function generator. Bode plot fundamentals are easy to teach with the built in WaveGen and frequency response analysis.

The 1000 X-Series provides professional-quality measurement and software analysis capability. The scope features 24 typical oscilloscope measurements to quickly analyze signals and determine signal parameters. Additional signal analysis is provided by the gated FFT function, which allows users to correlate time and frequency domain phenomenon on a single screen. And mask limit testing is also available to help users easily detect signal errors. The 1000 X-Series supports decoding and analysis of a wide range of popular embedded and automotive serial bus applications, which include I2C, SPI, UART/RS232, CAN and LIN.

**U.S. Pricing and Availability**

Keysight InfiniiVision 1000 X-Series oscilloscopes are available today.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Product number** | **Bandwidth** | **Channels** | **WaveGen** | **Price ($)** |
| EDUX1002A | 50 MHz | Two analog | No | 449 |
| EDUX1002G | 50 MHz | Two analog | Yes | 649 |
| DSOX1102A1 | 70/100 MHz1 | Two analog | No | 649 |
| DSOX1102G1 | 70/100 MHz1 | Two analog | Yes | 849 |

1 Upgradable to 100 MHz with software license DSOX1B7T102.

Information about the InfiniiVision 1000 X-Series oscilloscopes is available at [www.keysight.com/find/1000X-Seriesinfo](http://www.keysight.com/find/1000X-Seriesinfo). Product images are available at [www.keysight.com/find/1000X-Series\_images](http://www.keysight.com/find/1000X-Series_images). A product demonstration video is available at [www.keysight.com/find/1000X-Series\_video](http://www.keysight.com/find/1000X-Series_video).

Keysight’s [complete oscilloscope portfolio](http://www.keysight.com/en/pcx-x2015004/oscilloscopes?cc=US&lc=eng) includes instruments with a variety of form factors with bandwidths from 20 MHz to >100 GHz.

**About Keysight Technologies**

Keysight Technologies (NYSE: KEYS) helps customers bring breakthrough electronic products and systems to market faster and at a lower cost. Keysight’s solutions go where the electronic signal goes, from design simulation, to prototype validation, to manufacturing test, to optimization in the network. Customers span the worldwide communications ecosystem, internet infrastructure, aerospace & defense, automotive, semiconductor and general electronics end markets. Keysight generated revenues of $2.9B in fiscal year 2016. More information is available at [www.keysight.com](http://www.keysight.com).

# # #