

Keysight Technologies

InfiniiVision 2000/3000 X-Series Oscilloscopes

Typical Customers



Research and Design
Engineer: Dan

Typical industry

Aerospace/defense, consumer, electronics, automotive, semiconductor, industrial, computer-peripheral

Job goal

Get electronic products to market fast, while finding problems before customers do.

Job description

Perform debug and functional validation of digital devices during board turn on and system integration.

Customer needs addressed

Never want to miss a glitch or infrequent event?

- Fastest architecture with up to 1,000,000 waveforms/sec
- Jitter, infrequent events and subtle signal detail easily viewable

Need to capture/view more of your digital signals at once?

- MSO models with fully integrated 8 or 16 digital channels
- No compromise to waveform update rate

Debugging serial bus signals?

- Serial data trigger/capture/view with intelligent hardware-based decoding
- Automatic search and navigate to serial packets of interest

Need to optimize lab bench space?

- 4 instruments in 1: oscilloscope, logic analyzer, protocol analyzer, function generator
- Large 8.5" WVGA display
- Footprint only 5½" deep

On a limited budget?

- Upgradable bandwidth, MSO, function generator, memory, and applications for investment protection



Professor/Educator:
Paul

Typical industry

Education

Job goal

Provide high quality education of students.

Job description

Teach electrical engineering and physics students effective electronics debug and testing.

Customer needs addressed

On a limited budget and need to use long-term?

- Built-in 20 MHz WaveGen function generator available
- Upgradable bandwidth, MSO, WaveGen function generator, memory, and applications for investment protection
- Industry-leading instrument reliability

Need students to learn and apply oscilloscopes quickly?

- Intuitive localized front panel design with pushable knobs
- Built-in help system with quick access to localized help
- Available Educator's Oscilloscope Training Kit teaches students what an oscilloscope is and how to perform basic scope measurements

Need to optimize lab bench space?

- 4 instruments in 1: oscilloscope, logic analyzer, protocol analyzer, function generator
- Large 8.5" WVGA display
- Footprint only 5 ½" deep

Setting up or upgrading a teaching lab?

- Educator's Oscilloscope Training Kit available
- DreamCatcher full semester instrument courseware available



Unlocking Measurement Insights

Typical Customers (continued)



**Production Engineer:
Peng**

**Typical
industry**

Aerospace/defense, consumer, electronics, automotive, semiconductor, industrial, computer-peripheral

Job goal

Lower cost, increase throughput, prevent problems from reaching customers.

**Job
description**

Test device to defined standard in production line. Debug cause of device failures and perform repair.

**Customer
needs
addressed**

On a limited budget?

- Upgradable bandwidth, digital channels, WaveGen function generator, memory and applications for investment protection

Need technicians to learn and apply scopes quickly?

- Intuitive, localized front panel design with pushable knobs
- Built-in help with localized menus
- Oscilloscope Training Kit available

Need faster, low-escape test throughput?

- Fastest architecture with up to 1,000,000 waveforms/sec
- Quick problem detection before product shipment
- Mask/limit test to speed comparison with a known good waveform

Need to optimize test bench space?

- 4 instruments in 1: oscilloscope, logic analyzer, protocol analyzer, function generator
- Large 8.5" WVGA display
- Footprint only 5½" deep



**Procurement/Buyer:
Paige**

**Typical
industry**

All industries, typically in larger companies

Job goal

Save company money purchasing qualified parts and equipment.

**Job
description**

Make purchases for company that meet end-user needs at the lowest price.

**Customer
needs
addressed**

Want to ensure the oscilloscope meets or exceeds the user's requirements?

- Products direct from Keysight Technologies, Inc., the premier test and measurement company
- Full portfolio of performance points, capabilities and customizable options
- Industry-leading instrument reliability

Need to save money?

- Upgradable bandwidth, MSO, WaveGen, memory and applications for investment protection
- 4 instruments in 1: oscilloscope, logic analyzer, protocol analyzer, function generator

