

Tektronix®

Next Gen Tek for the Next Generation

Equip your learning labs with an affordable yet powerful bench solution.



Embedded Design Bench Featuring the NEW 2 Series MSO

Universities need affordable and modern instruments to enhance their reputation and prepare students for the industry. This collection of recommended instruments includes everything that students need to learn how to capture, analyze and find the root cause of complex embedded designs.

NEW SERIES!



2 Series MSO Mixed Signal Oscilloscope

The 2 Series MSO is a full-featured oscilloscope in a compact, portable form factor that feels like a tablet. The unique set of features makes this scope perfect for students exploring education labs with a help button that provides context-applicable solutions in real-time.



DMM6500 Digital Multimeter

The DMM6500 digital multimeter provides high-performance without high investment. This leading touchscreen bench DMM with built-in premium features is perfect for the classroom, outperforming many industry digital multimeters at the same price point.



2231A-30-3 DC Power Supply

The 2231A-30-3 Multi-channel Programmable DC Power Supply is ideal for testing a wide range of devices throughout the education lab, cost-effectively.



AFG31000 Series Arbitrary Function Generator

This high-performance AFG with built-in arbitrary waveform generation and the largest touchscreen on the market is perfect for the modern teaching lab.

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This bench provides students with practice on industry-leading instruments to help them learn real-world applications with the addition of our groundbreaking 2 Series MSO Mixed Signal Oscilloscope.

2 Series MSO Key Specifications

| | MSO22 | MSO24 |
|--|--|-------|
| Analog Channels | 2 | 4 |
| Bandwidth | 70 MHz, 100 MHz, 200 MHz, 350 MHz, 500 MHz | |
| Sample Rate | 1.25 GS/s (All), 2.5 GS/s (Half) | |
| Record Length | 10 Mpts all channels | |
| Advanced Triggers | Edge, Pulse Width, Runt, Timeout, Logic, Setup & Hold, Rise/ Fall Time, Parallel Bus | |
| Standard Analysis | Cursors: Waveform, V bars, H bars, and V&H bars, Math: Basic waveform arithmetic, FFT and advanced equation editor | |
| Education Features | Help menu and user interface tutorial | |
| Digital Channels (MSO) ¹ | 16 | |
| Function Generator | 50 MHz, single channel with 128k point arbitrary waveform | |
| Digital Pattern Generator ¹ | 4 bit | |
| Battery Operation | 2 Slot, hot swappable with up to 8 hours | |
| Protocol Analysis | I2C, SPI, UART, CAN, CAN-FD, LIN, SENT | |
| Display | 10.1-inch, WXGA, color, touch | |
| Security | Kensington lock | |
| VESA | 100 mm x 100mm | |
| Warranty | 1 year | |
| TekDrive | Collaborative workspace to save, recall, and share scope data | |
| TekScope | Extend data visualization and analysis capabilities to your PC | |
| Optional Service Plans | Extended warranties, Total Product Protection Plan, and calibration services plans available | |

¹Available with future software release.

Save with Education Pricing Program

We've made it easy for schools and universities to equip their engineering labs with world-class test and measurement equipment at an affordable price.

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