



Evolution of the Tektronix Touchscreen Oscilloscope



In 2017, Tektronix launched the 5 Series MSO Oscilloscope, the first oscilloscope designed from the ground up with a touch interface. That was just the beginning.

Since then, regular updates, added functionalities, new capabilities and new models and series have been added, enabling engineers to keep innovating with ever-increasing ease and accuracy. View the timeline to get the complete picture.

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With regular updates and added functionalities, the value of your Tektronix oscilloscope is always increasing.



5 Series MSO

- Redefines midrange oscilloscopes UX with large 15.6" capacitive touchscreen
- Industry's first FlexChannel™ technology enabling up to 8 analog and 64 digital channels
- Wins 6 major awards including Electronic Weekly Product of the Year

4 Series MSO

- Largest display (13.3") with highest resolution (1920 x 1080 HD) in its class
- 12-bit ADCs for the highest vertical resolution in its class
- First scope in this class to offer six input channels with innovative FlexChannel™ technology

6 Series B MSO

- Industry's first 10 GHz oscilloscope offering up to 8 analog and 64 digital channels
- Leading signal fidelity with 12-bit ADCs and exceptionally low noise, contributing less than 51.1 μV of noise at 1 mV/div and 1 GHz

4 Series B MSO

- Faster processor for 2X more responsive user interface, faster analysis, and faster data transfers
- New display technology for greater contrast and wider viewing angle
- 2 USB 3.1 host interfaces
- Full support for e*Scope browser-based remote access and control

6 Series MSO

- First midrange scope with 8 GHz bandwidth and 25 GS/s sample rate simultaneously on all 4 channels
- Incorporates a new low-noise preamplifier ASIC, the TEK061
- Delivers 16-bit resolution at 200 MHz when using the High Res mode

TekScope PC Software with Enhanced Multi-Scope Analysis

- Enables remote users to view and analyze data from up to 32 channels from multiple scopes at the same time in the same interface
- Most sophisticated waveform analysis PC software in the test and measurement market

5 Series B MSO

- New auxiliary trigger enables sync without consuming a full-capability input channel
- 2x faster waveforms from the built-in function generator for frequency response analysis and general-purpose use
- Solid state drive system stores data on removable drive for added security

Get more for less with Application Software Bundles

- Serial Decode
- Power
- Signal Integrity
- Standards Compliance
- Automotive
- Aerospace
- Ultimate Bundle

[Download Brochure](#)



Support for Your Applications

Tektronix touchscreen oscilloscopes offer solutions for major testing standards and support for applications in embedded systems, digital communications, high speed serial, power, automotive, wideband RF analysis and more.

Learn more with these application notes (click the links below):

[Power Integrity and Power Management](#)

[Jitter Analysis](#)

[Automotive Serial Bus Analysis](#)

[Embedded Serial Bus Analysis](#)

[Serial Bus Compliance Testing \(USB 2.0 example\)](#)

[Electromagnetic Interference \(EMI\) Troubleshooting](#)

[3-phase Invertors, Motors and Drives](#)



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