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PRODUCT PRODUCT BRIEF

# Mixed Signal Oscilloscope easily goes from bench to field

JUNE 17, 2022 BY SUSAN NORDYK

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The 2 Series mixed signal oscilloscope (MSO) from Tektronix provides benchtop performance, yet is small enough to fit in a backpack. Weighing less than 4 pounds, the tablet-like oscilloscope is just 1.5 in. thick and has a 10.1-in. TFT display with a capacitive touchscreen. An optional battery pack supplies up to eight hours of power and can be hot-swapped in the field.



A choice of five analog bandwidths ranging from 70 MHz to 500 MHz and a variety of integrated options outfit the 2 Series scope for advanced debugging. The instrument can be configured with two or four analog channels with sample rates of up to 2.5 Gsamples/s and a record length of 10 Mpoints. An optional 50-MHz arbitrary function generator can be used for simulating sensor signals within a design or adding noise to signals to perform margin testing. Sixteen digital channels will be available with a future software release, as will a pattern generator, voltmeter, and frequency counter.

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A suite of analysis tools for the scope offers waveform and screen-based cursors; unlimited automated measurements; basic and advanced waveform math, including arbitrary equation editing; and FFT for spectrum analysis. The 2 Series MSO teams with TekDrive, a test and measurement data workspace in the cloud where engineers can upload, store, organize, and share any file from a connected device. Users can also perform analysis on a waveform and save it back to the cloud for immediate viewing and feedback from peers.

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Prices for the 2 Series mixed signal oscilloscope start at \$1800.

[2 Series product page](#)

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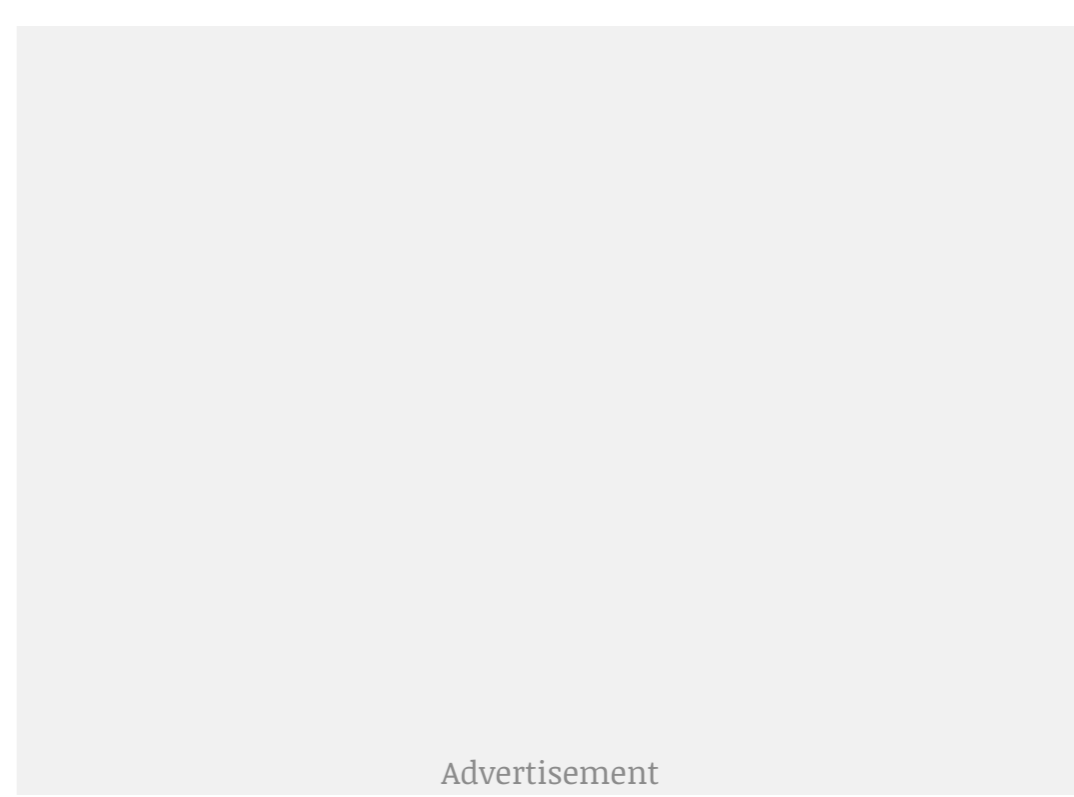
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