

See the Whole Picture in a Single Glance!

NEW!

Meet the world's only Oscilloscope with a built-in spectrum analyzer.



[CLICK HERE TO ORDER](#)

Tektronix® MDO4000 SERIES MIXED DOMAIN OSCILLOSCOPES

For the first time ever, you can capture time-correlated analog, digital, and RF signals for a complete system view of your device with one instrument! See both the time and frequency domain at once to correlate events in the frequency domain with the time domain phenomena that caused them—with no need for the expense and hassle of a separate spectrum analyzer. Now you can solve the most complicated design issues, quickly and efficiently, with an oscilloscope as integrated as your design.

Features

- **Dedicated RF input** – Accurately analyze RF signals with -60 dBc (typical) dynamic range.
- **Time-correlated display** – See what's happening in your design at any instant with the time-correlated display of your analog, digital and RF signals.
- **Spectrum Time** – Investigate how RF spectrum is changing over time or with device state by moving Spectrum Time through your acquisition.
- **Wide-capture bandwidth** – See whole spectrum of interest at any point in time with the > 1 GHz ultra-wide capture bandwidth.
- **Advanced RF triggers** – Capture specific RF events with advanced RF power triggers - pulse width, runt, logic and more.
- **Automated and manual RF markers** – Simply define threshold and excursion values to automatically mark all peaks that meet your criteria. Or mark your own points in the spectrum.
- **RF vs. time traces** – Easily see amplitude, frequency or phase vs. time for RF signal displayed in the time domain; easily measure RF/system latencies.
- **Serial and parallel bus triggering and analysis** – Quickly debug parallel bus and/or common serial buses with automated trigger, decode and search.
- **Built-on the MSO4000B platform** – Debug your device fast with comprehensive tools from the award-winning platform – DPO Technology, Wave Inspector® and more.

Specifications

Model	MDO4054-3	MDO4054-6	MDO4104-3	MDO4104-6
TT No.	767TE0543	767TE0546	767TE1043	767TE1046
Analog Channels	4	4	4	4
Analog Bandwidth	500 MHz	500 MHz	1 GHz	1 GHz
Analog Sample Rate	2.5 GS/s	2.5 GS/s	5 GS/s	5 GS/s
Digital Channels	16	16	16	16
Digital Sample Rate	500 MS/s	500 MS/s	500 MS/s	500 MS/s
Main / MagniVu	16.5 GS/s	16.5 GS/s	16.5 GS/s	16.5 GS/s
RF Channels	1	1	1	1
RF Frequency Range	50 kHz – 3 GHz	50 kHz – 6 GHz	50 kHz – 3 GHz	50 kHz – 6 GHz
PRICE	\$19,900.00	\$22,900.00	\$24,900.00	\$28,400.00

TECHNI-TOOL®
Tomorrow's Products Shipped Today

SALES: 800-832-4866
Shop online: www.techni-tool.com