

- 
1. Oscilloscope
 2. Spectrum Analyzer
 3. Arbitrary/Function Generator
 4. Logic Analyzer
 5. Protocol Analyzer
 6. DVM

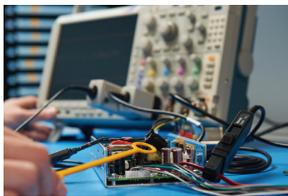


Introducing the New Tektronix MDO4000C

6-in-1 Versatility PLUS High Performance in One Powerful Oscilloscope

The new MDO4000C includes up to six built-in instruments, each with exceptional performance to address tough challenges. It features powerful triggering, search and analysis, and it's the only scope to offer synchronized analog, digital and RF signal analysis – ideal for wireless communications in IoT and EMI troubleshooting. For even more versatility, add the optional arbitrary/function generator to easily capture, edit and replay signals.

The MDO4000C is completely customizable and fully upgradable. Add the instruments you need now – or later. If your challenges include wireless module integration or EMI troubleshooting, this is the scope you want on your bench.



Built-in spectrum analyzer synchs spectrum information with analog and digital waveforms to help you measure and pinpoint noise sources.

6-in-1 Versatility

- Oscilloscope
- Spectrum Analyzer
- Arbitrary/Function Generator
- Protocol Analyzer
- Logic Analyzer
- Digital Voltmeter/Frequency Counter

High Performance for Tough Challenges

20 Mpoint record length, flexible triggering and search, and 60.6 ps digital timing resolution help find elusive problems, fast.

Unique Built-in Spectrum Analyzer

Easily measure delays between control signals and radio transmissions. See time-domain signals alongside EMI emissions.

Upgradeability

Add analog bandwidth, spectrum analyzer, function generator, digital channels, or protocol analysis as you need them – ensuring usefulness for years to come.

MDO4000C Mixed Domain Oscilloscope Series

Model	Analog Bandwidth	Sample Rate	Record Length	Analog Channels	RF Frequency Range	Base Price
MDO4024C	200 MHz	2.5 GS/s	20 Mpoints	4	9 kHz – 3 GHz/ 6 GHz (optional)	\$7,300
MDO4034C	350 MHz	2.5 GS/s	20 Mpoints	4	9 kHz – 3 GHz/ 6 GHz (optional)	\$11,300
MDO4054C	500 MHz	2.5 GS/s	20 Mpoints	4	9 kHz – 3 GHz/ 6 GHz (optional)	\$14,800
MDO4104C	1 GHz	5 GS/s	20 Mpoints	4	9 kHz – 3 GHz/ 6 GHz (optional)	\$17,400

Instrument Options

MDO4AFG	Installed Option; (1) Arbitrary function generator	\$1,000
MDO4MSO	Installed Option; (16) Digital channels	\$3,000
SA3	Installed Option; (1) Spectrum analyzer with input frequency of 9 kHz to 3 GHz	\$3,000
SA6	Installed Option; (1) Spectrum analyzer with input frequency of 9 kHz to 6 GHz	\$6,000
MDO4SEC	Installed Option; Password protected enabling and disabling of all communications ports and firmware upgrade functionality	\$500

Service Options

C3, C5	Calibration Service 3 Years/5 years	\$1,230/ \$2,350
D1, D3, D5	Calibration Data Report 1 year/3 years/5 years	\$10
R5	Repair Service 5 Years	\$1,010
T3,T5	Total Protection Plan 3 years/5 years	\$2,000/ \$3,330

Visit www.tektronix.com/MDO4000 to learn more. On the site you'll find application notes, videos, virtual demonstrations, white papers and a variety of other resources.

Application Modules

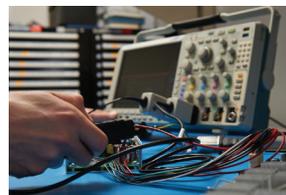
Serial Bus Triggering and Protocol Analysis

DPO4AERO	Aerospace (MIL-STD-1553)	\$1,600
DPO4AUDIO	Audio (I ² S, LJ, RJ and TDM)	\$1,500
DPO4AUTO	Automotive (CAN, LIN)	\$1,500
DPO4AUTOMAX	Automotive (CAN, LIN, FlexRay)	\$5,190
DPO4COMP	Computer (RS-232/422/485)	\$1,500
DPO4EMBD	Embedded (I ² C, SPI)	\$1,500
DPO4ENET	Ethernet (10BASE-T, 100BASE-TX)	\$1,660
DPO4USB*3	USB 2.0 (LS, FS, HS)	\$1,660

Additional Analysis

DPO4LMT	Limit and Mask Testing	\$938
DPO4PWR	Power Analysis	\$1,850
MDO4TRIG	Adv. RF Power Level Triggering (Requires SA3 or SA6)	\$1,800
DPO4VID	HDTV & Custom Video Triggering and Video Picture	\$938

*3 USB 2.0 HS only available on 1 GHz bandwidth models.



The power measurement option provides automatic power; switching loss, modulation, and ripple measurements. Quickly check for compliance with harmonics standards. Use the built-in spectrum analyzer to find noise.



Get complete insight into mixed signal embedded designs with a unique synchronized view of analog, digital and RF signals.