

The
smartest
choice.



Fast.

Update rate: over 4.5 million waveforms / s

Responsive & deep memory: 125 Mpoints / channel (500 Mpoints opt.)

Precise.

High vertical resolution: 12-bit ADC with 18-bit architecture

Digital trigger with highest sensitivity and adjustable hysteresis

Compact.

Smallest 8-channel 1 GHz oscilloscope with MSO and generator

R&S® MXO 3

Our next MXO Family Member

COMPANY RESTRICTED

The Numbers That Matter: Key Specifications

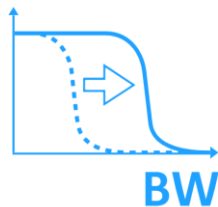
	MXO 3
Channels	4 ch / 8 ch
Bandwidth	100, 200, 350, 500 MHz, 1 GHz
Sample Rate	2.5 GSa/s per channel 5 GSa/s interleaved
Record Length	125 Mpts per channel option: 500 Mpts per channel
Vertical resolution	12 bit ADC, up to 18 bit HD
Max. Acquisition rate	4.5 Mwfm/s
HW options	<ul style="list-style-type: none"> MSO 16 ch 50 MHz 1 ch generator
Display	11.6" Full HD, HDMI port
OS	Linux (closed)
Dimensions / HU / Weight	375 x 233 x 163 mm ³ / 5 HU / 4 kg



MXO 3: Bandwidth / Hardware Options & Probes



Standard passive probes: RT-ZP05S
(one per analog channel)



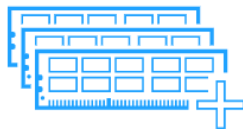
Bandwidth upgrades - Software licenses: MXO3-B2...

MSO

Mixed-Signal-Option: MXO3-B1



Arbitrary Waveform Generator: MXO3-B6



Memory Option 500Mpts: MXO3-B105

All R&S oscilloscope probes are supported.

MXO 3: Software Options

Option	R&S Name
Low speed serial bus (I ² C, SPI, Quad-SPI, UART, RS-232, RS-422, RS-485, custom NRZ)	MXO3-K510
Automotive protocols (CAN, CAN FD, CAN XL, LIN, SENT)	MXO3-K520
Aerospace protocols (ARINC 429, MIL-STD-1553, SpaceWire)	MXO3-K530
MIPI low-speed protocols (SPMI, RFFE, I ³ C)	MXO3-K550
Automotive Ethernet (10Base-T1S)	MXO3-K560
Frequency response analysis (Bode plot)	MXO3-K36
Power analysis (single-phase)	MXO3-K31
Application Bundle (PK1) = B6 + B105 + K510/K520/K530/K550/K560 + K31 + K36	MXO3-PK1