

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

LECROY

LeCroy MSO 44MXS-B

No photo

MODEL

LeCroy 44MXS-B

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

44MXS-B

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Analog: 400 MHz @ 50 Ω ; rise time 875 ps; 4 channels; 8-bit vertical
- Sample rate: 5 GS/s (single-shot); RIS 50 GS/s
- Memory: 16 Mpts/Ch all channels; 32 Mpts interleaved
- Capture: up to 3.2 ms at full rate on four channels (OEM MXs-B class)
- Digital (MS-250): 18 ch; 1 GS/s; 10 Mpts/Ch; max input 250 MHz; min pulse 2 ns
- Sensitivity: 2 mV–10 V/div (1 M Ω); 2 mV–1 V/div (50 Ω)
- DC gain accuracy: $\pm 1.0\%$ typ.; $\pm 1.5\%$ warranted ≥ 10 mV/div
- Input: 1 M Ω || 16 pF or 50 Ω ; max 50 Ω : 5 Vrms; 1 M Ω : 400 V max (DC+peak AC ≤ 5 kHz)
- Display: 10.4" color touch TFT
- Ports: Ethernet, USB 2.0 (5), SVGA out, audio

44MXSB Characteristics / Specifications

PARAMETER	VALUE
Model	MSO 44MXs-B
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope
Alias	MSO 44MXS-B; WaveSurfer MSO 44MXs-B Analog
Bandwidth	400 MHz; Rise Time: 875 ps
Channels	18; Sample Rate: 1 GS/s; Memory: 10 Mpts/Ch
Sample Rate	5 GS/s; Memory: 16 Mpts/Ch (32 Mpts interleaved)
Timebase	200 ps/div–1000 s/div class (roll from 200 ms/div) Digital (included MS-250)
Max Input Frequency	250 MHz; Min Detectable Pulse: 2 ns Standard Operating Conditions Use supplied ± 10 500 MHz passive probes per channel. 3-year warranty class on new OEM config. Operational Notes MSO 44MXs-B is 400 MHz; do not confuse with 64MXs-B (600 MHz) or 104MXs-B (1 GHz). Interleaved sample-rate doubling applies on higher-BW MXs-B models when specified.
Analog	400 MHz @ 50 Ω ; rise time 875 ps; 4 channels; 8-bit vertical
Memory	16 Mpts/Ch all channels; 32 Mpts interleaved
Capture	up to 3.2 ms at full rate on four channels (OEM MXs-B class)
Digital (MS-250)	18 ch; 1 GS/s; 10 Mpts/Ch; max input 250 MHz; min pulse 2 ns
Sensitivity	2 mV–10 V/div (1 M Ω); 2 mV–1 V/div (50 Ω)
DC gain accuracy	$\pm 1.0\%$ typ.; $\pm 1.5\%$ warranted ≥ 10 mV/div
Input	1 M Ω 16 pF or 50 Ω ; max 50 Ω : 5 Vrms; 1 M Ω : 400 V max (DC+peak AC ≤ 5 kHz)
Display	10.4" color touch TFT
Ports	Ethernet, USB 2.0 (5), SVGA out, audio
Rise Time	875 ps; 4 channels; 8-bit vertical - Sample rate: 5 GS/s (single-shot); RIS 50 GS/s - Memory: 16 Mpts/Ch all channels; 32 Mpts interleaved - Capture: up to 3.2 ms at full rate on four channels (OEM MXs-B class) - Digital (MS-250): 18 ch; 1 GS/s; 10 M

44MXSB Specifications

PARAMETER	VALUE
Applications	Embedded digital/analog debug; serial bus trigger/decode; mixed-signal timing analysis; general 400 MHz lab scope work.
Key Features	- Analog: 400 MHz @ 50 Ω ; rise time 875 ps; 4 channels; 8-bit vertical
Technical Specifications	Model: MSO 44MXs-B
Standard Operating Conditions	Use supplied ± 10 500 MHz passive probes per channel. 3-year warranty class on new OEM config.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Model	MSO 44MXs-B
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope
Alias	MSO 44MXS-B; WaveSurfer MSO 44MXs-B

Analog

Specifications

PARAMETER	VALUE
Bandwidth	400 MHz; Rise Time: 875 ps
Channels	4; Resolution: 8 bits
Sample Rate	5 GS/s; Memory: 16 Mpts/Ch (32 Mpts interleaved)
Timebase	200 ps/div-1000 s/div class (roll from 200 ms/div)

Digital (included MS-250)

Specifications

PARAMETER	VALUE
Channels	18; Sample Rate: 1 GS/s; Memory: 10 Mpts/Ch
Max Input Frequency	250 MHz; Min Detectable Pulse: 2 ns
Standard Operating Conditions	Use supplied ±10 500 MHz passive probes per channel. 3-year warranty class on new OEM config.

Operational Notes

MSO 44MXs-B is 400 MHz; do not confuse with 64MXs-B (600 MHz) or 104MXs-B (1 GHz). Interleaved sample-rate doubling applies on higher-BW MXs-B models when specified.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.