

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

LECROY

LeCroy MSO 104XS-A

No photo

MODEL

LeCroy 104XS-A

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

104XS-A

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 bandwidth: 1 GHz; rise time ~300–350 ps class (Xs-A/MXs-A tables) • Channels: 4 analog + 18 digital • Sample rate: 5 GS/s (catalog MSO listing) • Memory: 10 Mpts/Ch • Digital (MS-250): 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min pulse • Display: 10.4" color touch; Ethernet, USB, SVGA, audio • 8-bit vertical (WaveSurfer Xs/MXs family)

104XSA Characteristics / Specifications

PARAMETER	VALUE
Model	MSO 104Xs-A
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope
Alias	MSO 104XS-A Analog
Bandwidth	1 GHz
Sample Rate	5 GS/s (catalog); WaveSurfer 104Xs-A base also documents 2.5 GS/s / 5 GS/s interleaved
Memory	10 Mpts/Ch
Channels	4 analog + 18 digital
Vertical Resolution	8 bits
Sensitivity	2 mV–10 V/div (1 M Ω); 2 mV–1 V/div (50 Ω)
Max Input (1 GHz class)	50 Ω 5 Vrms; 1 M Ω 250 V max (DC+peak AC $\leq$ 10 kHz) per MXs-B-era tables—confirm on Xs-A unit Digital (MS-250) 18 channels; 1 GS/s; 10 Mpts/Ch; 250 MHz maximum input frequency Standard Operating Conditions Use appropriate 1 GHz-capable probes. Confirm memory option supports 10 Mpts on all analog channels.
Analog bandwidth	1 GHz; rise time ~300–350 ps class (Xs-A/MXs-A tables)
Digital (MS-250)	1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min pulse
Display	10.4" color touch; Ethernet, USB, SVGA, audio
Rise Time	~300–350 ps class (Xs-A/MXs-A tables) - Channels: 4 analog + 18 digital - Sample rate: 5 GS/s (catalog MSO listing) - Memory: 10 Mpts/Ch - Digital (MS-250): 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min pulse - Display: 10.4" color touch; Ethernet, USB,

104XSA Specifications

PARAMETER	VALUE
Applications	1 GHz embedded MSO debug; mixed-signal timing; serial decode; compact WaveSurfer footprint.
Key Features	- Analog bandwidth: 1 GHz; rise time ~300–350 ps class (Xs-A/MXs-A tables)
Technical Specifications	Model: MSO 104Xs-A
Analog	Bandwidth: 1 GHz
Standard Operating Conditions	Use appropriate 1 GHz-capable probes. Confirm memory option supports 10 Mpts on all analog channels.

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.

performance with MS-250 digital channels. Catalog rating: 1 GHz, 5 GS/s, 4+18 ch, 10 Mpts/Ch. On the Xs-A line, 1 GHz models support 2.5 GS/s per channel with 5 GS/s interleaved; MXs-A 1 GHz models specify 5 GS/s with 10 Mpts-this MSO listing matches the higher sample-rate / 10 Mpts class. 10.4" color touch display.

Applications

1 GHz embedded MSO debug; mixed-signal timing; serial decode; compact WaveSurfer footprint.

Key Features

- Analog bandwidth: 1 GHz; rise time ~300-350 ps class (Xs-A/MXs-A tables)
- Channels: 4 analog + 18 digital
- Sample rate: 5 GS/s (catalog MSO listing)
- Memory: 10 Mpts/Ch
- Digital (MS-250): 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min pulse
- Display: 10.4" color touch; Ethernet, USB, SVGA, audio
- 8-bit vertical (WaveSurfer Xs/MXs family)

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	MSO 104Xs-A
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope
Alias	MSO 104XS-A

Analog

Specifications

PARAMETER	VALUE
Bandwidth	1 GHz
Sample Rate	5 GS/s (catalog); WaveSurfer 104Xs-A base also documents 2.5 GS/s / 5 GS/s interleaved
Memory	10 Mpts/Ch
Channels	4
Vertical Resolution	8 bits
Sensitivity	2 mV-10 V/div (1 M Ω); 2 mV-1 V/div (50 Ω)
Max Input (1 GHz class)	50 Ω 5 Vrms; 1 M Ω 250 V max (DC+peak AC $\leq$ 10 kHz) per MXs-B-era tables-confirm on Xs-A unit

Digital (MS-250)

18 channels; 1 GS/s; 10 Mpts/Ch; 250 MHz maximum input frequency

Standard Operating Conditions

Use appropriate 1 GHz-capable probes. Confirm memory option supports 10 Mpts on all analog channels.

Operational Notes

Distinguish from MSO 104MXs-B (16 Mpts, MXs-B platform). Verify whether the chassis silk-screen is 104Xs-A or 104MXs-A; both can appear in MSO 1 GHz / 10 Mpts listings.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 3, 2026

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