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**Data Sheet**

August 3, 2026

LECROY

# LeCroy MSO 44XS-A

No photo

MODEL

**LeCroy 44XS-A**

CALIBRATION

**N/A — off-catalog  
OEM datasheet**

CONDITION

**See OEM  
documentation**

STATUS

**Not listed on  
Aumictech  
inventory**

RFQ / SKU

**44XS-A**

LISTING

**Off-catalog — OEM dat  
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

## Features & description

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From manufacturer datasheet

### Features

- Analog bandwidth: 400 MHz; rise time 875 ps; 4 channels; 8-bit
- Sample rate: 2.5 GS/s (Xs-A); RIS 50 GS/s
- Memory: 10 Mpts/Ch (this MSO catalog configuration)
- Digital (MS-250): 18 ch; 1 GS/s; 10 Mpts/Ch; 250 MHz max input; 2 ns min pulse
- Sensitivity: 2 mV–10 V/div (1 M $\Omega$ ); 2 mV–1 V/div (50  $\Omega$ )
- DC gain:  $\pm 1.0\%$  typ.;  $\pm 1.5\%$  warranted  $\geq 10$  mV/div
- Display: 10.4" TFT touch 800 $\times$ 600; Ethernet, USB 2.0, SVGA, audio, RS-232 class

## 44XSA Characteristics / Specifications

| PARAMETER        | VALUE                                                                                                                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model            | MSO 44Xs-A                                                                                                                                                                                                                                                          |
| Manufacturer     | Teledyne LeCroy                                                                                                                                                                                                                                                     |
| Instrument Type  | Mixed Signal Oscilloscope                                                                                                                                                                                                                                           |
| Alias            | MSO 44XS-A; WaveSurfer 44Xs-A + MS-250 Analog (WaveSurfer 44Xs-A class)                                                                                                                                                                                             |
| Bandwidth        | 400 MHz; Rise Time: 875 ps                                                                                                                                                                                                                                          |
| Channels         | 4; Sample Rate: 2.5 GS/s                                                                                                                                                                                                                                            |
| Record Length    | 10 Mpts/Ch (MSO listing); base Xs-A often 5 Mpts without VL/MXs memory                                                                                                                                                                                              |
| Input            | 1 M $\Omega$    16 pF or 50 $\Omega$ Digital (MS-250) 18 channels; 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min detectable pulse Standard Operating Conditions Use $\pm$ 10 500 MHz passive probes. Confirm installed memory option matches 10 Mpts rating.            |
| Analog bandwidth | 400 MHz; rise time 875 ps; 4 channels; 8-bit                                                                                                                                                                                                                        |
| Sample rate      | 2.5 GS/s (Xs-A); RIS 50 GS/s                                                                                                                                                                                                                                        |
| Memory           | 10 Mpts/Ch (this MSO catalog configuration)                                                                                                                                                                                                                         |
| Digital (MS-250) | 18 ch; 1 GS/s; 10 Mpts/Ch; 250 MHz max input; 2 ns min pulse                                                                                                                                                                                                        |
| Sensitivity      | 2 mV–10 V/div (1 M $\Omega$ ); 2 mV–1 V/div (50 $\Omega$ )                                                                                                                                                                                                          |
| DC gain          | $\pm$ 1.0% typ.; $\pm$ 1.5% warranted $\geq$ 10 mV/div                                                                                                                                                                                                              |
| Display          | 10.4" TFT touch 800 $\times$ 600; Ethernet, USB 2.0, SVGA, audio, RS-232 class                                                                                                                                                                                      |
| Rise Time        | 875 ps; 4 channels; 8-bit - Sample rate: 2.5 GS/s (Xs-A); RIS 50 GS/s - Memory: 10 Mpts/Ch (this MSO catalog configuration) - Digital (MS-250): 18 ch; 1 GS/s; 10 Mpts/Ch; 250 MHz max input; 2 ns min pulse - Sensitivity: 2 mV–10 V/div (1 M $\Omega$ ); 2 mV–1 V |

# 44XSA Specifications

| PARAMETER                     | VALUE                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------|
| Applications                  | 400 MHz embedded analog/digital debug; serial bus work; compact benchtop MSO.                               |
| Key Features                  | - Analog bandwidth: 400 MHz; rise time 875 ps; 4 channels; 8-bit                                            |
| Technical Specifications      | Model: MSO 44Xs-A                                                                                           |
| Standard Operating Conditions | Use $\pm 10$ 500 MHz passive probes. Confirm installed memory option matches 10 Mpts rating.                |
| Operational Notes             | Distinguish from MSO 44MXs-B (5 GS/s, 16 Mpts). Xs-A is the earlier/compact WaveSurfer generation vs MXs-B. |

# 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 44Xs-A                             |
| Manufacturer    | Teledyne LeCroy                        |
| Instrument Type | Mixed Signal Oscilloscope              |
| Alias           | MSO 44XS-A; WaveSurfer 44Xs-A + MS-250 |

Analog (WaveSurfer 44Xs-A class)

Specifications

| PARAMETER     | VALUE                                                                  |
|---------------|------------------------------------------------------------------------|
| Bandwidth     | 400 MHz; Rise Time: 875 ps                                             |
| Channels      | 4; Sample Rate: 2.5 GS/s                                               |
| Record Length | 10 Mpts/Ch (MSO listing); base Xs-A often 5 Mpts without VL/MXs memory |
| Input         | 1 MΩ    16 pF or 50 Ω                                                  |

Digital (MS-250)

18 channels; 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min detectable pulse

Standard Operating Conditions

Use ±10 500 MHz passive probes. Confirm installed memory option matches 10 Mpts rating.

Operational Notes

Distinguish from MSO 44MXs-B (5 GS/s, 16 Mpts). Xs-A is the earlier/compact WaveSurfer generation vs MXs-B.

### 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](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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30-day returns  
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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.