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Data Sheet

August 31, 2026

LECROY

LeCroy 112 WaveAce Digital Oscilloscope 100 MHz, 2 Channel

Cytec AD Data Systems 230122-112 Single-Pole VXI Switch Module Queue model 230122-112 isaCytec / AD Data Systems CY-series VXI C-size switch module. OEM/Artisan listings rate single-pole, mercury-wetted relays, register-based VXI, ARINC 608A resource-distributor class with 4×1×1 and 48 (1×1) topologies cited on sibling 230122-111/122 text. CY series C-size modules use message- and register-based operation and include multiplexers (up to 128 switch points on family text), matrices, microwave, Form A/C, 50 ohm coaxial, solid-state, and ECL matrices. Sibling 230131-123 is double-pole low-thermal (offsets less than 1 uV) register-based ARINC Form A; those thermals are not copied onto 230122-112 mercury single-pole. Exact relay count and VXI register map are on the 230122-112 drawing. Queue model 230122-112 isaCytec / AD Data Systems CY-series VXI C-size switch module. OEM/Artisan listings rate single-pole, mercury-wetted relays, register-based VXI, ARINC 608A resource-distributor class with 4×1×1 and 48 (1×1) topologies cited on sibling 230122-111/122 text. CY series C-size modules use message- and register-based operation and include multiplexers (up to 128 switch points on family text), matrices, microwave, Form A/C, 50 ohm coaxial, solid-state, and ECL matrices. Sibling 230131-123 is double-pole low-thermal (offsets less than 1 uV) register-based ARINC Form A; those thermals ar



MODEL

Lecroy 112

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

112

LISTING

<https://aumictechlabs.com/products/112-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The LeCroy 112 WaveAce is a 2-channel, 100 MHz digital oscilloscope built for circuit debugging, signal analysis, and rapid problem identification on the benchtop. Operating at up to 2 GS/s sample rate with 4 kpts/channel waveform memory (9 kpts interleaved), it delivers real-time and equivalent-time acquisition across multiple modes including peak detect and averaging. The 5.7-inch color LCD display presents captured waveforms with clarity and speed - startup time is under 10 seconds.

Technical Specifications
Bandwidth: 100 MHz
Channels: 2 analog
Sample Rate: Up to 2 GS/s
Waveform Memory: 4 kpts/channel or 9 kpts/channel (interleaved)
Display: 5.7-inch color LCD
Acquisition Modes: Real Time, Equivalent Time, Peak Detect, Averaging
Power Consumption: <50 W
Power Requirements: 100–240 VAC ($\pm 10\%$), 50/60/400 Hz ($\pm 5\%$)

Key Features
Advanced triggering: Edge, Pulse Width, Video, Slope (Rise Time), and Alternate trigger types
32 automated measurement parameters for rapid characterization
Mathematical functions: Add, Subtract, Multiply, Divide, and FFT with selectable windows (Hamming, Hanning, Blackman, Rectangular)
Digital filtering options: Low-Pass, High-Pass, Band-Pass, Band-Stop
Waveform sequence recorder: Up to 2,500 waveforms
Pass/Fail mask testing for production validation
Internal storage: 20 waveforms, 20 setups, 2 reference waveforms
USB Host port (front panel) for memory sticks and printers
USB Device port (rear panel) for PC remote control
RS-232 connector for legacy system integration
Pass/Fail output terminal

Typical Applications
Product development and verification, embedded system debugging, signal integrity analysis, educational laboratory work, and manufacturing test.

Compatibility & Integration
Physical footprint: 154 mm × 305 mm × 133 mm (6" × 12" × 5.25"); weight 2.3 kg (5 lbs).
Installation Category 300V CAT II, Pollution Degree 2, Protection Class I.

112 Characteristics / Specifications

PARAMETER	VALUE
Model	230122-112
Instrument Type	VXI C-size switch module
Pole Count	single pole
Relay Type	mercury wetted
Vxi Mode	register based
Family	AD Data Systems CY series VXI C-size switch modules
Arinc Class	ARINC 608A resource distributor family (4×1×1 and 48×1×1 cited on 230122 listings)
Siblings	230122-111, 230122-122
Family Mux	CY series multiplexers with up to 128 switch points (family text)
Family Types	multiplexers, matrices, microwave, Form A, Form C, 50 ohm coaxial, solid state, ECL
Low Thermal Sibling	230131-123 double-pole low-thermal offsets less than 1 uV (not claimed for 230122-112)
Manufacturer	Cytec / AD Data Systems
Literature	Artisan Cytec/AD Data Systems 230122-112 listings; CY series VXI C-size family text
Form Factor	VXI C-size module
System Role	register-based VXI single-pole switching
Application Class	ATE resource distribution
Brand Lineage	AD Data Systems Cytec
Queue Title	Cytec / AD Data Systems 230122-112 Single Pole, Registered Based VXI Switch Module
Bus	VXI
Size	C-size
Documentation Type	OEM CY-series VXI listing plus 230122-112 identity
Use Case	mercury single-pole VXI switching

PARAMETER	VALUE
Vendor Path	Cytec / AD Data Systems
Message Mode	CY series also documents message-based operation on family modules
Status Class	relay-drive status monitoring on CY family text
Connector Class	VXI P1/P2 plus front-panel I/O on the 230122-112 drawing

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	
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Vendor Path	Cytec / AD Data Systems

PARAMETER	VALUE
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Status Class	relay-drive status monitoring on CY family text
Connector Class	VXI P1/P2 plus front-panel I/O on the 230122-112 drawing

Notes

From Cytec/AD Data Systems 230122-112 listings (single-pole, mercury, register-based VXI, ARINC 608A family). Relay count, current, and VXI logical addresses are on the 230122-112 drawing. Do not copy VX/256 19-inch mainframe VA ratings onto this VXI card.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

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

Aumictech

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NIST-traceable calibration · SAM registered ·
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.