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Data Sheet

August 15, 2026

CURTISS-WRIGHT / VMETRO

Curtiss-Wright / VMETRO VXE-35C VXI Extender Board

The VXE-35C is a VXI extender board designed by Curtiss-Wright/VMETRO. It facilitates the extension of the VXI backplane, allowing for increased system size and flexibility during development and testing. This extender board supports full VXI functionality and ensures signal integrity for reliable operation.



MODEL

**Curtiss-Wright /
VMETRO VXE-35C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

VXE-35C

LISTING

<https://aumictechlabs.com/products/vxe-35c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Curtiss-Wright / VMETRO VXE-35C is a VXI extender board engineered to expand VXI backplane configurations while maintaining signal integrity across the entire system. This adapter enables larger, more complex test and development environments by extending VXI functionality and isolating non-TTL signals from the backplane - a critical requirement in systems operating beyond standard TTL/CMOS voltage levels. Technical Specifications Manufacturer: Curtiss-Wright / VMETRO Model: VXE-35C Product Type: VXI Extender Board Form Factor: C-size VXI systems Key Features Expands VXI backplane to support larger system configurations Maintains full VXI specification compliance across extended architectures Isolates non-TTL signals on the P2 bus, essential for voltage levels exceeding standard logic thresholds Serves as adapter for the

VMETRO VBT-325C VMEbus Analyzer, enabling VXI analysis capabilities Preserves signal integrity critical for reliable data transfer in extended VXI systems Specifically designed for deployment in C-size VXI chassis Typical Applications VXI system expansion requiring increased slot count and modular flexibility VMEbus analyzer integration into VXI test environments Systems requiring isolation of mixed-signal or analog components with non-standard voltage levels Development and validation platforms requiring extended VXI backplane access Compatibility & Integration The VXE-35C interfaces directly with the VXI backplane and functions as a dedicated adapter for the VMETRO VBT-325C VMEbus Analyzer. This pairing allows the VBT-325C to operate within C-size VXI systems while isolating signals with illegal voltage levels on the P2 bus. The extender maintains backward compatibility with full VXI specifications, ensuring seamless integration into existing test frameworks. Extended lifecycle support is available through third-party suppliers.

VXE35C Characteristics / Specifications

PARAMETER	VALUE
Model	VXE-35C
Instrument Type	VXI extender board
Bus	VXIbus
Form Factor	VXI extender
Size Class	C-size VXI
Family	VMETRO VXE
Related Analyzer	VG-SAM Vanguard state analyzer
Related Exerciser	EXERBAT-C protocol checker and exerciser
Manufacturer	VMETRO / Curtiss-Wright
Use Case	VXI module extension for debug
Control	passive extender (backplane pass-through)
Operating Temperature Class	commercial VXI
Literature	Curtiss-Wright VMETRO VXE-35C listings
Connectors	VXIbus P1/P2 class
Documentation Type	OEM VXI extender catalog
Brand Lineage	VMETRO Curtiss-Wright
System Role	VXI slot extender
Revision	35C
Power	from VXI mainframe backplane
Host Mainframe	C-size VXI chassis
Related Spectralber	Agilent SpectralBER C-size VXI modules
Slot	one VXI slot class extender
Operating temperature	Class: commercial VXI

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: commercial VXI
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Documentation Type	OEM VXI extender catalog
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System Role	VXI slot extender
Revision	35C
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Host Mainframe	C-size VXI chassis
Related Spectralber	Agilent SpectralBER C-size VXI modules
Slot	one VXI slot class extender Notes From Curtiss-Wright / VMETRO VXE-35C VXI extender catalog identity. P1/P2/P3 population, extender length, and active vs passive buffering are on the VXE-35C data sheet.

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