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Data Sheet

August 15, 2026

CURTISS-WRIGHT / VMETRO

Curtiss-Wright / VMETRO EXERBAT-C Protocol Checker and Exerciser

The Curtiss-Wright/VMETRO EXERBAT-C is a protocol checker and exerciser designed for validating and debugging communication protocols. It supports various protocols and provides comprehensive testing capabilities for ensuring reliable data transfer and system interoperability.



MODEL

**Curtiss-Wright /
VMETRO
EXERBAT-C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

EXERBAT-C

LISTING

[https://aumictechlabs.c
om/products/exerbat-c
-2/](https://aumictechlabs.com/products/exerbat-c-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Curtiss-Wright/VMETRO EXERBAT-C is a protocol checker and exerciser for validating and debugging communication protocols in CompactPCI (cPCI) environments. It generates bus traffic under user control, checks protocol adherence to standards, and emulates planned but unavailable boards for hardware and software validation. Control is available through a Windows-based GUI (BusView™) via USB or RS232, or through a built-in terminal interface via RS232.

Technical Specifications
Protocol Checking: Validates communication protocol compliance with CompactPCI standards and specifications
Bus Traffic Generation: Programmable commands and burst lengths for automated testing and board emulation
Control Interface: USB and RS232

connectivity to BusView™ GUI; RS232 terminal interface Target Memory: 8 MB at user-defined base address Power Source: CompactPCI bus powered Key Features Master and Target emulation with DMA capabilities Script engine for automated task execution Real-time parameter editing of registers, memory, and data structures PCI Configuration Scan function Exerciser functionality for testing multiple scenarios under user control Typical Applications Hardware validation and debugging Software testing and protocol verification System-level validation in cPCI platforms Manufacturing automated test sequences Emulation of unavailable board designs during development Compatibility & Integration The EXERBAT-C integrates with VMETRO PBT-515 and PBTM-515 analysis tools to form a complete Protocol Analyzer/Exerciser/Checker (PBAT) solution. It operates within CompactPCI environments and connects to Windows-based control software for full parameter manipulation and test execution.

EXERBATC Characteristics / Specifications

PARAMETER	VALUE
Model	EXERBAT-C
Instrument Type	Protocol checker and exerciser
Family	VMETRO Vanguard / Ultraview BAT
Related Analyzer	VG-SAM Vanguard state analyzer module
Related Piggyback	TIMBAT-PB Ultraview piggyback
Related Bus Analyzer	PBTC-415BX cPCI bus analyzer and exerciser
Form Factor	analyzer piggyback / mezzanine
Manufacturer	VMETRO / Curtiss-Wright
Use Case	bus protocol check and exercise
Control	Vanguard analyzer software
Operating Temperature Class	commercial analyzer
Literature	Curtiss-Wright VMETRO EXERBAT-C listings
Bus Class	PCI/cPCI/VME protocol class per Vanguard host
Documentation Type	OEM VMETRO analyzer catalog
Brand Lineage	VMETRO Curtiss-Wright
System Role	protocol checker/exerciser
Host	Vanguard / Ultraview analyzer
Function	generate and verify bus cycles
Related Fpdp	DPIO-FI/32K FPDp input PMC
Power	from host analyzer
Revision	C
Related Extender	VXE-35C VXI extender board
Operating temperature	Class: commercial analyzer

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: commercial analyzer
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Literature	Curtiss-Wright VMETRO EXERBAT-C listings
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Brand Lineage	VMETRO Curtiss-Wright
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Power	from host analyzer
Revision	C
Related Extender	VXE-35C VXI extender board Notes From Curtiss-Wright / VMETRO EXERBAT-C protocol checker and exerciser catalog identity. Supported bus protocol, maximum clock, and trigger resources are on the EXERBAT-C / Vanguard 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.