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Data Sheet

August 15, 2026

CURTISS-WRIGHT / VMETRO

Curtiss-Wright / VMETRO VBT-325B VMEbus Analyzer

The Curtiss-Wright/VMETRO VBT-325B is a VMEbus analyzer designed for analyzing and debugging VMEbus systems. It captures and displays VMEbus transactions, providing insights into system behavior. It is useful for hardware and software development, system integration, and troubleshooting in VMEbus-based applications.

**MODEL****Curtiss-Wright /
VMETRO VBT-
325B****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****VBT-325B****LISTING**[https://aumictechlabs.c
om/products/vbt-325b-
2/](https://aumictechlabs.com/products/vbt-325b-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Curtiss-Wright/VMETRO VBT-325B is a VMEbus analyzer built to capture, decode, and display VMEbus transactions in real time. It enables hardware engineers, software developers, and integration teams to troubleshoot system behavior, verify protocol compliance, and isolate timing and logic faults within VMEbus-based architectures. Technical Specifications VMEbus Protocol Support VMEbus Revision C.1 compliant Captures read, write, broadcast, and block transfer types Records Address Modifier (AM) codes for transaction differentiation Monitors data transfer widths: 8-bit, 16-bit, 32-bit, 64-bit Tracks control and status signals including SYSCLK, BERR, ACFAIL, SYSFAIL Data Capture & Triggering High-speed capture buffer for transaction

logging Configurable triggers based on address, data patterns, control signals, and transaction type Complex trigger sequence support for event isolation Pre-trigger and post-trigger capture modes Key Features Real-time transaction display in hexadecimal and symbolic formats Protocol-level decoding for immediate bus activity interpretation Search and filter functions for rapid transaction location within captured datasets Statistical analysis: bus utilization, transfer rates, error tracking Data export in multiple formats for offline analysis and reporting Typical Applications VMEbus system debugging and validation Hardware/software integration testing Protocol compliance verification Real-time fault diagnosis and root-cause analysis Compatibility & Integration Designed for VMEbus Revision C.1 and earlier systems. Interfaces directly with the VMEbus for transaction monitoring and connects to host analysis workstations for data visualization and post-processing.

VBT325B Characteristics / Specifications

PARAMETER	VALUE
Model	VBT-325B
Instrument Type	VMEbus analyzer and exerciser
Bus Standard	VMEbus VME64 class
Manufacturer Line	VMETRO Vanguard bus analyzers
Primary Functions	capture decode and exercise
Form Factor Class	VME analyzer module or system probe class
Trace Memory Class	deep state trace class family
Protocol Support	VME address data and control cycles
Triggering Class	multilevel bus event triggers
Display Class	state listing and timing views class
Exerciser Role	master slave stimulus class
Operating Temperature Class	0 C to 40 C laboratory class
Storage Temperature Class	minus 40 C to 70 C class
Power Source Class	VME backplane or external class
Interface To Host Class	local UI or host link class
Series Family	VMETRO VBT-325
Related Models	VBT-325C successor variant
Related Pci Analyzers	PBT-415 PBT-315B class
Related Vanguard	VG-VME VG-SAM
Capture Modes Class	state and statistics class
Event Recognition Class	address data interrupt acknowledge
Timestamp Class	relative time tagging class
Use Environment	lab and depot VME maintenance
Storage temperature	Class: minus 40 C to 70 C class
Operating temperature	Class: 0 C to 40 C laboratory class

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
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Related Models	VBT-325C successor variant
Related Pci Analyzers	PBT-415 PBT-315B class
Related Vanguard	VG-VME VG-SAM
Capture Modes Class	state and statistics class
Event Recognition Class	address data interrupt acknowledge
Timestamp Class	relative time tagging class
Use Environment	lab and depot VME maintenance Notes Capability rows from VMETRO/Curtiss-Wright VBT-325B bus analyzer catalog descriptions. Exact trace depth and electrical loading follow the installed analyzer configuration.

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.