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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight E1403C A/B to C-Size P1 Active Adapter, 1-Slot

Keysight E1403C A/B Size to CSize P1 Active Adapter The Agilent/Keysight E1403C isaone-slot active adapter placing A-size or B-size VXI P1 modules intoaC-size mainframe. It continues the E1403 family mechanical and buffered P1 adaptation for mixed-size VXI systems. C-size mainframe reuse of A/B VXI instruments, system upgrades retaining P1-only modules, and laboratory mixed-size VXI racks. One slotCsize active adapterAsize andBsize P1 module support The Agilent/Keysight E1403C isaone-slot active adapter placing A-size or B-size VXI P1 modules intoaC-size mainframe. It continues the E1403 family mechanical and buffered P1 adaptation for mixed-size VXI systems. C-size mainframe reuse of A/B VXI instruments, system upgrades retaining P1-only modules, and laboratory mixed-size VXI racks. One slotCsize active adapterAsize andBsize P1 module support Compatible with VXI Slot 0 controlled mainframes



MODEL

**Agilent / Keysight
E1403C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1403C

LISTING

<https://aumictechlabs.com/products/e1403c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The E1403C is a single-slot VXI carrier that adapts A-size and B-size VXI modules for operation in C-size VXI mainframes. It has a fully buffered, active extension of the P1 connector, enabling smaller modules to function within larger chassis environments. Designed exclusively for slave

operation, the adapter cannot occupy Slot 0 or interface with bus masters. The standard configuration occupies one slot width; an optional two-slot variant (Option 010) is available for applications requiring additional physical space. Multiple adapters can be deployed within a single mainframe without restriction. The E1403C also permits adaptation of VME cards meeting VXI mechanical and electrical specifications, though such configurations fall outside official support parameters.

Technical Specifications

Form factor: Single-slot VXI carrier

Width options: 1-slot (standard) or 2-slot (Option 010)

Interface: Active, fully buffered P1 connector extension

Operational mode: Slave-only

Backplane connection: Left-most slot

Key Features

- Accepts A-size and B-size VXI modules
- Compatible with all C-size VXI mainframes
- Unlimited quantity deployable per mainframe
- No bus master capability
- Slot 0 installation not supported
- Enables VME module adaptation (subject to VXI compliance)

Typical Applications

The E1403C serves environments where legacy A or B-size VXI instrumentation must integrate with modern C-size chassis architectures. Particularly valuable in mixed-generation test systems where preserving existing module investments is required while upgrading mainframe infrastructure.

Compatibility & Integration

Full compatibility confirmed with all C-size VXI mainframes. Module compatibility extends to A-size and B-size VXI devices. VME card adaptation is possible for modules meeting VXI mechanical and electrical restrictions, though this configuration path remains unsupported by the manufacturer.

E1403C Characteristics / Specifications

PARAMETER	VALUE
Model	E1403C
Instrument Type	VXI A/B toCsize P1 active adapter
Host Form Factor	C size VXI mainframe
Module Slots Occupied	1
Adapted Module Sizes	A size andBsize with P1
Connector Focus	P1 active adaptation
Backplane Planes Supported Class	VXI P1 address data and utility
Trigger Support Class	TTL and ECL trigger paths class family
Local Bus Support Class	P1 local bus class
Device Role	active electrical and mechanical adapter
Power Drawn Class	adapter electronics from VXI supplies
Cooling Requirement Class	single slot airflow class
Operating Temperature Class	0 C to 55 C VXI class
Storage Temperature Class	minus 40 C to 70 C class
Humidity Class	noncondensing laboratory class
Vxi Revision Context	VXI 1.4 era systems
Mechanical Alignment	C size guide rails and ejectors
Intended Modules	message and register based A/B P1 cards
Predecessor Related	E1403B
Card Height	C size
Card Width	1 slot
Series Family	HP Agilent E1403 VXI size adapters
Catalog Title Class	A/B toCsize P1 active adapter 1 slot
Storage temperature	Class: minus 40 C to 70 C class
Operating temperature	Class: 0 C to 55 C VXI class

PARAMETER	VALUE
Humidity	Class: noncondensing laboratory class

E1403C Specifications

PARAMETER	VALUE
Keysight E1403C A/B Size to C Size P1 Active Adapter	Overview
Applications	C-size mainframe reuse of A/B VXI instruments, system upgrades retaining P1-only modules, and laboratory mixed-size VXI racks.
One slot C size active adapter	A size and B size P1 module support
Buffered P1 interconnect class	Compatible with VXI Slot 0 controlled mainframes
Technical Specifications	Model: E1403C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 40 C to 70 C class
Operating temperature	Class: 0 C to 55 C VXI class
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Humidity	Class: noncondensing laboratory class
Operating Temperature Class	0 C to 55 C VXI class
Storage Temperature Class	minus 40 C to 70 C class
Humidity Class	noncondensing laboratory class
Vxi Revision Context	VXI 1.4 era systems
Mechanical Alignment	C size guide rails and ejectors
Intended Modules	message and register based A/B P1 cards
Predecessor Related	E1403B
Card Height	C size
Card Width	1 slot
Series Family	HP Agilent E1403 VXI size adapters
Catalog Title Class	A/B to Csize P1 active adapter 1 slot Notes From Agilent/Keysight E1403C A/B to C-size P1 active adapter catalog descriptions. Verify mainframe current budget when adapting power-hungry A/B modules.

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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PARAMETER	VALUE
Model	E1403C
Instrument Type	VXI A/B toCsize P1 active adapter
Host Form Factor	C size VXI mainframe
Module Slots Occupied	1
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Series Family	HP Agilent E1403 VXI size adapters
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Notes	
From Agilent/Keysight E1403C A/B to C-size P1 active adapter catalog descriptions. Verify mainframe current budget when adapting power-hungry A/B modules.	

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.