

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*





EXC-3000VME

The EXC-3000VME is a multi-protocol test and simulation card for VME and VXI systems. The card supports up to 10 user selected communication channels, including ARINC-429/ 419/ 561/ 568/ 575/ 582, RS-232/422/485. Additional channels, supporting SDLC, MIL-STD-1553, and IEEE-488, may be added with plug-in piggyback adapter cards. The receiver mode allows for storage of all or selected information. The on-board, hi-speed processor and true dual-port RAM offer a simple and powerful interface to the card. The card operates independently of the host computer, reducing the need for host intervention. The EXC-3000VME is supplied with C drivers, including source code. A C-size version of this product, the EXC-300VXI, is also available.

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Specifications

General Specifications

- Supports up to 10 channels
- Protocols Supported: ARINC-429/419/575/561/582 ARINC-429 Williamsburg/Buckhorn RS-232/422/485
- 16K x 16 Dual Port RAM
- Adapter Cards Supported SDLC, MIL-STD-1553, IEEE-488
- Programmable Bit Rate

Transmit Channels

- Error Injection (ARINC only)
- Programmable Transmit Inter-Word Time
- Programmable Transmit Inter-Message Time
- Programmable Bit Rate

Receive Channels

- Error Detection (all protocols)
- Filtering of Receive Data
- Start Storage on Receipt of Trigger

Host Interface

- VMEbus Compliance Slave A16 & A24/A32: D8/D16
- VXI Compliance Register Based
- Memory Space Occupied 16K x 16
- Interrupts IRQ* 1-7
- Power +5V ± 5% @ 1.5A
- +12V ± 5% @ 50mA

Physical Characteristics

- Dimensions 160mm x 233mm (B Size) or 340mm x 233mm (C Size, incl. RFI/EMI shield)
- Weight (-B) 520 grams

Operating Environment

- Temperature 0 - 45° C
- Humidity 5% - 90% Noncondensing
- MTBF (-B) 92,500hrs at 25° C, G_F

Software Support

- C Drivers with source code

Ordering Information

- EXC-3000VME/xx * Multi-Protocol Interface for VME (B Size)
- EXC-3000VXI/xx Multi-Protocol Interface for VXI (C Size)

Notes:

- Notes:
- to section 'EXC-3000 Channel Modules' for module description and
- specifications and ordering information.

© 1998 Excalibur Systems, Inc.

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP