

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.

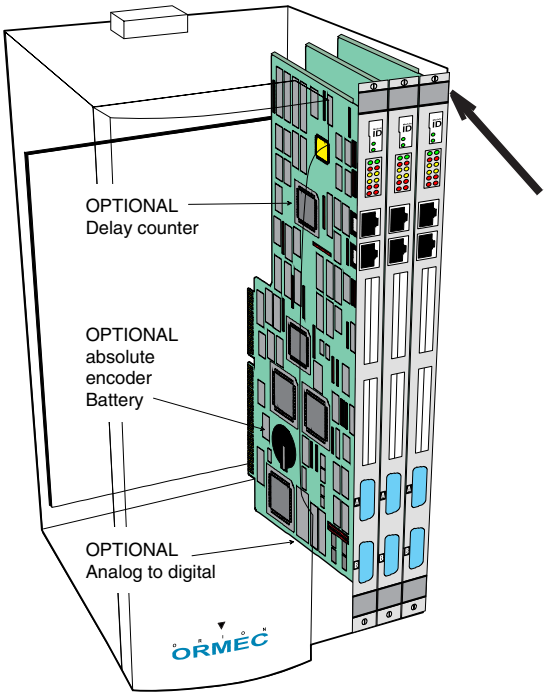
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

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*

DSP Model Numbers



Digital Signal Processor

Used with MotionBASIC Ver 3.2 and 4.x

Model Number Label Location.

- Servomotor Control $1^1/_2$ & 2 axis versions:
  ORN-DSP-AQ/x ... Single Axis with Pacer input.
  ORN-DSP-A2/x ... Dual Axes DSP.

- OPTIONAL Selections:
  0,1,2 ..... Number of Terminal Blocks.
  A ..... Four Analog inputs.
  D ..... Delay counter chip support.
  B ..... Absolute encoder battery backup.

ORMEC SYSTEMS CORP *INSTITUTE FOR ADVANCED MOTION CONTROL TECHNOLOGY*

Notes: ORION DSP Axis Modules utilize the Digital Signal Processor (DSP) technology to implement all digital high performance motion control. Each DSP communicates with the main processor through an on-board shared memory interface. It implements servo control loops utilizing discrete signal processing algorithms that eliminates the need for analog circuitry.

In addition to a wide variety of advanced motion control software features, DSP Axis Modules also provide:

- ◆ individual interfaces to each servodrive and/or axis encoder;
- ◆ electronic gearing via the MotionDATA communications link;
- ◆ an optional delay counter (DELAY@) per axis; and
- ◆ Inputs & Outputs interfaced via a DSP I/O Terminal Block:
  - two optional 12-bit analog inputs (AIN1@ & AIN2@) per axis.
  - two hardware overtravel limit inputs per axis
  - three electronic limit switch outputs per axis (TTL compatible)
  - six high speed inputs (ASEN@, BSEN@, two ZREF@ & two EXTZ)

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