

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.

Find the *Danaher Motion / Superior Electric SLO-SYN 221797-001* at our website: ***Click HERE***

SLO-SYN® 2000
Motion Controls

MX2000 Programmable Multi-Axis Motion Controller

The MX2000 is a powerful, DSP-based controller that can be configured for controlling up to eight axes, and provides fully coordinated motion control, including linear and circular interpolation and splining. It can be easily incorporated into the user's machine control system. The multi-tasking capability of the MX2000 enables it to scan I/O as a PLC, independent of motion. In many cases, an MX2000 can serve as the only controller required in a complex, sophisticated control system.

The MX2000 provides all of the functions and features expected from a sophisticated motion control product. These include a stepper interface (pulse rates to 2 Mhz) compatible with drives providing rates to 50,000 pulses per second (1/250 microstepping); Axis inputs; Analog outputs; Encoder Interface to support up to eight axes; Expansion-BCD I/O; and a Serial Data Interface for communications to a host computer or operator interface panel. Flexible modular construction offers three enclosure configurations to meet user's unique requirements. These configurations are as follows:

MX-2 for 2 axes; MX-6 for up to 6 axes; MX-8 for up to 8 axes

The newest additions to the MX2000 series of Multi-axis controls are the MX2000-1C, MX2000-2A, and MX2000-6A. The MX-1C is a card level 1-2 axis controller designed for OEM applications. The MX-2A and MX-6A versions employ a new power supply card which provides a digital I/O interface in place of the standard I/O - BCD interface.



- Fully coordinated motion control, including linear and circular interpolation and splining
- Programmable using WINDOWS based BASIC-like software (included) coding, optional icon driven software utilities, or CAD-To-Motion which converts a DXF file to motion control commands.
- Full math functions including Trig, Logs and Square Roots
- Subroutine capability (up to 16 levels)
- Multi-tasking of up to 7 concurrent tasks
- Up to 8 servo axes, or 8 axes of stepper pulse and direction outputs, with Boost and Reduce
- Up to 8 axes of Encoder inputs (2 Mhz max.) and analog I/O
- Up to 16 analog inputs and 8 analog outputs
- Optional Isolation with built-in 24 VDC 0.75 amp power supply for I/O power
- 90-265 VAC, 50/60 hertz input including built-in line filter with MOV
- Battery backed RAM (up to 10 years using lithium battery cell)
- 2 independent serial ports operating at up to 38 Kbaud
- PLC emulation
- 126 kbytes user memory
- Flash EPROM operating system – can be upgraded through serial port
- Modular design
- Up to 352 I/O points – can be scanned independent of motion algorithms
- Up to 32 BCD banks
- Sink or source I/O
- Up to 32 high speed trigger inputs for mark registration and homing functions
- UL recognized

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.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