



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com

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 is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com