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 *PMC DCX-VM300* at our website: *Click HERE*

DCX-300 Series Motion Control Modules



DCX-MC300 Module
(± 10 volt analog command)

DCX-MC300 Servo Motor Control Module

Operating Modes	Position, Velocity, Torque, Gain, and Joystick
Control Filter	8KHz PID, 32 bit precision with Velocity & Acceleration Feed-Forward
Velocity Profiles	Trapezoidal, S-Curve, and Parabolic with independent acceleration and deceleration
Output	Analog Signal, 16 bit ±10 VDC, Digital PWM (TTL)
Position Feedback	Incremental Encoder (single ended or differential), 10,000,000 counts / sec
Encoder Supply	+5 or +12 VDC, jumper selectable
Encoder Inputs	Differential (-7 to +7 VDC) or TTL
Joystick Input	Analog 0 to +5 volts, 12-bit
Other I/O	Inputs: Limit +, Limit -, Coarse Home, Amplifier Fault (all optically isolated), Auxiliary Encoder Outputs: Amplifier Enable, Direction (all optically isolated)



DCX-MC320 Module
(± 10 volt dual analog command)

DCX-MC320 Sine Commutating Servo Module

Operating Modes	Position, Velocity, Torque, Gain, and Joystick
Control Filter	8KHz PID, 32 bit precision with Velocity & Acceleration Feed-Forward
Velocity Profiles	Trapezoidal, S-Curve, and Parabolic with independent acceleration and deceleration
Output	Dual Analog Signals, 16 bit ±10 VDC
Position Feedback	Incremental Encoder (single ended or differential), 10,000,000 counts / sec
Encoder Supply	+5 or +12 VDC, jumper selectable
Encoder Inputs	Differential (-7 to +7 VDC) or TTL
Joystick Input	Analog 0 to +5 volts, 12-bit
Other I/O	Inputs: Limit +, Limit -, Coarse Home, Amplifier Fault (all optically isolated), Three (3) Hall Sensor Inputs Outputs: Amplifier Enable, Direction (all optically isolated)



DCX-MC360 Module

DCX-MC360 Stepper Motor Control Module

Operating Modes	Position, Velocity, and Joystick
Velocity Profiles	Trapezoidal, S-Curve, and Parabolic with independent acceleration and deceleration
Step Outputs	Pulse & Direction, or CW & CCW, open collector, 50% duty cycle
Step Frequency	15 / sec to 5.0 M / sec
Position Feedback	Incremental Encoder (single ended or differential), 10,000,000 counts / sec
Encoder Supply	+5 or +12 VDC, jumper selectable
Encoder Inputs	Differential (-7 to +7 VDC) or TTL
Joystick Input	Analog 0 to +5 volts, 12-bit
Other I/O	Inputs: Limit +, Limit -, Home, Coarse Home, Null, Fault (all optically isolated), Quadrature Encoder Outputs: Drive Enable, Full / Half Step, Full / Half Current (open collector driver)

2075-N Corte del Nogal Carlsbad, CA 92009 ■ USA ■ Phone 760.930.0101 ■ Fax 760.930.0222
***Privacy info**. Send comments to webmaster@pmccorp.com. Page updated November 2, 2001*
Contents Copyright © 1999-2001 by PMC Corp. All Rights Reserved.

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