

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

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DCX-AT 200 Series Motion Control Modules



DCX-MC200 Module
(± 10 volt analog command)

DCX-MC200 Servo Motor Control Module	
Operating Modes	Position, Velocity, Torque, Gain, and Joystick
Control Filter	4KHz PID, 32 bit precision with Velocity & Acceleration Feed-Forward
Velocity Profiles	Trapezoidal, S-Curve, and Parabolic with independent acceleration and deceleration
Output	Analog Signal, 12 bit ±10 VDC, Digital PWM (TTL)
Position Feedback	Incremental Encoder (single ended or differential), 1,250,000 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, 8-bit
Other I/O	Inputs: Limit +, Limit -, Coarse Home, Amplifier Fault, 2 user definable inputs Outputs: Amplifier Enable



DCX-MC210 Module
(PWM output, TTL)

DCX-MC210 PWM Servo Motor Drive Module	
Operating Modes	Position, Velocity, Torque, Gain, and Joystick
Control Filter	4 KHz PID, 32 bit precision with Velocity & Acceleration Feed-Forward
Velocity Profiles	Trapezoidal, S-Curve, and Parabolic with independent acceleration and deceleration
Output	PWM @ 31.25KHz, 8-bit, 500mA max
Position Feedback	Incremental Encoder (single ended or differential), 1,250,000 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, 8-bit
Other I/O	Inputs: Limit +, Limit -, Coarse Home, Amplifier Fault, 2 user definable inputs Outputs: Amplifier Enable



DCX-MC260 Module

DCX-MC260 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 1.25 M / sec
Position Feedback	Incremental Encoder (single ended or differential), 1,250,000 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, 8-bit
Other I/O	Inputs: Limit +, Limit -, Home, Coarse Home Outputs: Motor On, Full / Half Step, Full / Half Current, Stopped

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Email: info@pmccorp.com | Page updated November 11, 2022

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.

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

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