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- 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

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

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**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)

## DCX-PC 100 Series Motion Controller

The DCX-PC100 motion control card is an economical ISA-bus motion control platform featuring a modular multi-processing architecture first pioneered by PMC more than 20 years ago.

Each DCX-PC100 Series motion controller consists of an intelligent ISA control card populated with any mix of up to eight (8) intelligent plug-in function modules. Function modules are available for amplified-servo drive, servo control, stepper control, digital I/O, analog I/O, and optional RS-232/422 or IEEE-488 communications.

- Servo control and drive for up to 8 motors
- No external amplifiers needed for small DC servo motors
- Digital and analog I/O expansion options
- Comprehensive Windows software tools and LabVIEW support



*DCX-PC 100 Controller*

### Major Features and Benefits

- Economical ISA-bus motion controller
- 1-8 axes servo & stepper control
  - Directly-drives up to eight DC servo motors (6 Watts/ch) - eliminating the need for external amplifiers
- Independent point-to-point motion
- Trapezoidal velocity profiles
- 1 million encoder counts/sec for each axis (8 axes)
- 3.3 KHz PID servo loop (8 axes)
- 32 bit precision (1 part in 4 billion)
- 1.25 MHz step rate for fast microstepping
- On-the-fly parameter and trajectory changes
- Dual ported memory for high-speed communication
- Additional digital and analog I/O available via I/O plug-in modules
  - Fully programmable in C/C++, Delphi, LabVIEW, Visual Basic and/or easy-to-use command language
- Drivers for Windows 98/NT/2000/XP/Vista
  - Comprehensive and powerful software [API](#) for the ultimate in programming flexibility
  - Includes a full suite of Windows installation, tuning, diagnostic and example programs with source code
- All [PMC Software](#) is included at no extra charge



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