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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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so your equipment works exactly as you specify.

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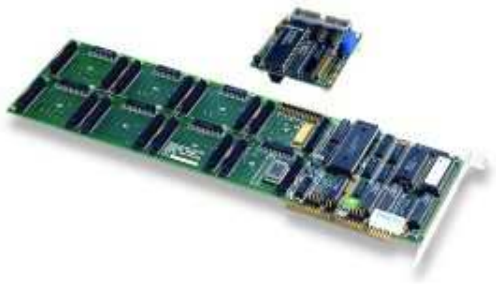
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DCX-PC 100 Series Motion Controller

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
(click image to enlarge)

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 commumication
- 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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