

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.

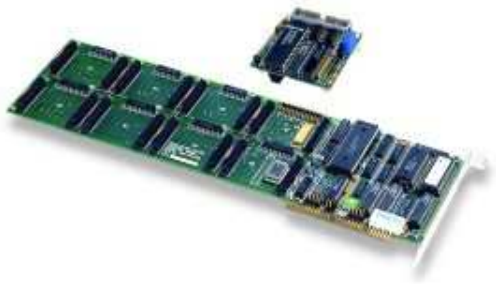
Find the *Precision MicroControl DCX-PC100* at our website: *Click HERE*

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 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

Copyright © 1998-2009
PMC Corporation
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