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 *OMRON / Adept Technology SmartController CS* at our website: *Click HERE*

Adept SmartMotion CS Controller Bundle

The Adept SmartMotion™ CS Controller (p/n 01058-001) is a high-performance motion controller that leverages the Adept SmartServo™ system, Adept's distributed controls platform built on IEEE 1394. This bundle includes the SmartController™ CS and the *s*MI6 motion option.

This system also provides fully-integrated motion control capabilities for industrial robots, third-party mechanisms, feeders, servo-controlled conveyors, or other servo and process-control axes.

Adept's advanced motion technology was designed directly for the real-time control of high-speed robotic workcells. A variety of kinematic modules are available that allow simple programming of complex mechanisms, including tool offsets and world coordinates. Multiple mechanisms can be coordinated from one controller.

Complete Automation Control Platform

While most motion controllers stop with basic commands, Adept recognizes that real-world automation systems require coordination of motion control with real-time sensory feedback, workcell logic, I/O, and operator control functions.

Powerful Software for Productivity

With over 30,000 installations world-wide, the Adept V+ programming language is a proven solution for real-time control of factory devices. Powerful diagnostic tools provide real-time information about hardware status and encoder signals. Servo tuning aids include built-in motion profile generation and on-line graphical display of servo response.

Included Hardware

SmartController CS
*s*MI6, 6-axis motion control interface
Front Panel
Panel Mount Hardware Kit

Included Software

Adept V+, version 16.0 (or later)
AdeptWindows PC
AdeptTCP/IP License
AdeptNFS Client License

Controller Specifications

Dimensions: 328mm x 187mm x 80mm
Operating power: 24 VDC ±10%, 5A
Environment:
- Temp: 5° C to 40° C
- Humidity: 5 to 90%, non-condensing



Controller Specifications (continued)

Memory:
- 30 MB CompactFlash card
- 32 MB RAM

Digital I/O:
- 12 optically isolated inputs
- 8 optically isolated outputs

Communication Interfaces:
- RS-232 serial port (1x)
- RS-422/485 serial port (1x)
- 10/100Base-T Ethernet
- DeviceNet
- SmartServo network port (2x)

Motion Control
- 24 axes maximum
- 15 mechanisms maximum (with V+ Extensions option)

Kinematic modules
- Coordinate axes and
- Support sophisticated vision routines (AdeptVision *s*AVI requires the Adept SmartController CX system.)

Compliance: CE

For complete details see the Adept SmartController CS data sheet.

***s*MI6 Specifications**

- *s*MI6, 6-axis motion control interface
- ±10 volt command signal
- Digital loop control

For complete details see the Adept sMI6 data sheet.

Options

- Adept *s*DIO
- Adept AIM Software
- Manual Control Pendant
- MP6 interface kit, with 2.5M cables
- Extended MP6 Cable Set, 5M

ADEPT TECHNOLOGY, INC.

3011 Triad Drive Livermore CA 94551

PHONE: 925.245.3400 | **FAX:** 925.960.0452

EMAIL: info@adept.com | **WEB:** www.adept.com

Specifications subject to change without notice. 07/10/2003

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