



MODEL 792 MULTI-MOTOR CONTROLLER

The Model 792 multi-motor controller provides the user with a low cost and easy to operate high resolution scanning system to operate up to four stepper motor driven devices. All scanning performed via RS232 interface using McPherson Spectrometer Control software or your own.

- Limit Switch & Motor Interlock systems
- LED's provide status information at a glance
- RS232 communications standard

Similar to command format used in 789A-3 controller for upward compatibility.

Economical, the Model 792 comes complete with up to four stepping motors to fit motorized McPherson slits, positioning devices, and sample handling accessories. The cabling for power, motors, limit switches, and RS232 communication are included.

The Model 792 includes a motor "Enable/Disable" switch for easy manual adjustment of devices.

Included serial interface permits changing selectable parameters over a standard RS232 COM port. No ADC or I/O boards required.

Complete list of ASCII commands and example programs available upon request.

Software drivers available.

Specifications	
AC Input	Selectable 100/120/220/240 VAC, 100 Watts
Frequency	47 to 63Hz
Motors Controlled	2, 3 or 4
Motor Type	2 Phase Bipolar-Unipolar Perm. Magnet
Resolution	25,000 Steps/Rev default, Others available
Maximum Speed	60,000 Steps per second
Motor Current	4.0A Peak (3A RMS)
Motor Drive Voltage	18VDC
Protective Circuits	Short Circuit / Over temperature
Front Panel Switches	Power, Motor Enable / Disable
LED Indicators	Home - Limit Status / Active
Rear Panel Connectors	Motors, RS-232, Limit Switches, Power
Remote Control Input	RS232C - DB25
AC Input Fuse	120VAC/2A 240VAC/1A
Operating Temperatures	0 - 70C
Storage	-40C TO +125C
Dimensions	8.4" wide x 5.2" high x 4.4" deep
Weight	10 pounds