



SPECIFICATIONS

Power: 100/120/220/240 VAC, 50/60 Hz, 100 Watts
Motor: Stepper, 18 volts @ up to 3.0 amp/phase-peak
Motor Size: application and torque dependant
Motor Resolution: 25,000 step/rev
(50,000 step/rev available)
Maximum Speed 60,000 steps/second
Interface: RS232 Baud Rate 9600 bps

Physical Dimensions

Width: 8.38 In (21.3 cm)
Height: 5.22 In (13.3 cm)
Depth: 14.38 In (36.5 cm)
Weight: 10 lbs (4.5 Kg) (May depend on motor count.)

Software drivers available.

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

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 or from McPherson Spectrometer Control software. Limited front panel controls provided.

- Limit Switch & Motor Interlock systems
- LED's provide status information at a glance
- RS232 communications standard, IEEE available
- Home Position function & indicator (RS232 mode)
Same command format as 789A-3 controller

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 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.