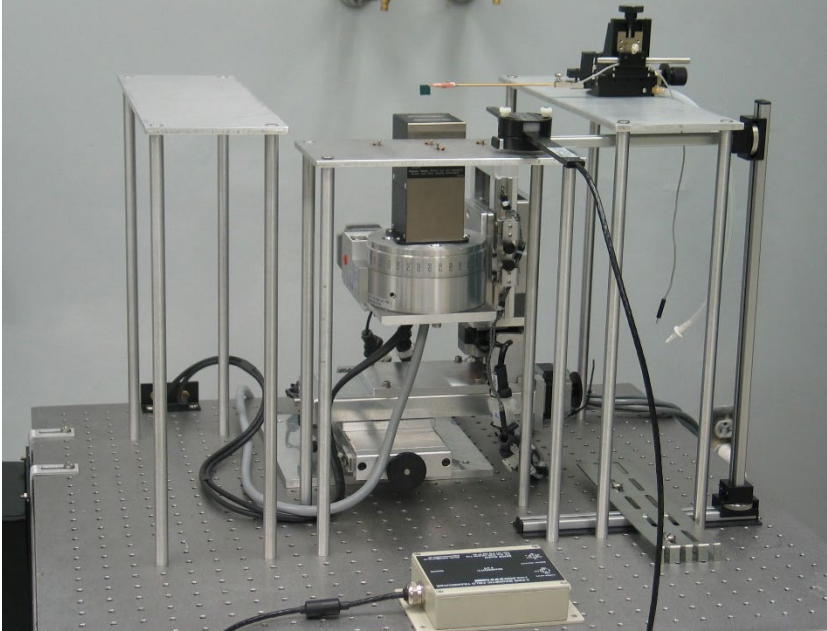


MC- XYZT, Motion Control



OVERVIEW

The MC-XYZT Motion Control allows movement of the GMW 520x Projected Field Electromagnet in the X, Y, Z planes and rotation T. Z-axis motion stage is optional. Included in system are all motor and limit cables, 19" rack controller for up to four stepper motors. LabVIEW motion control software is included.

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MC-XYZT General Specifications

General

Controller Package	EIA 19" rack mounting cabinet, 3U high
Controller Dimensions	482mm (19")W x 132.0mm (5.20")H x 586.1mm (23.0")D
Controller Weight	14.2kg (31.5lbs)
Power Requirements	Selectable 115ACV/60Hz, 1.5A or 220ACV/50Hz, 1.0A
Motor Controller	VELMEX Stepping Motor Controller Model VXM-2 One controller has provision for controlling two motors One or two controllers fitted
Computer Interface	USB
Motion Stages	
X	Slave Velmex Controller Motor 1. Max range of 200 mm
Y	Slave Velmex Controller Motor 2. Max range of 200 mm
Z	Optional stage. Master Velmex Controller Motor 2. Max range of 30 mm.
T	Master Velmex Controller Motor 1. Angle about Z axis. Max range of 360 degrees
Motion Stage Weight (without magnet)	9.5kg (21.0lbs) with X,Y,T stage 13.0kg (29.0lbs) with X, Y, Z, T stages