

Examples of Industries Served

- Centrifuge Manufacturers
- Pellet Mill Manufacturers
- Heavy Machine Manufacturers
- Irrigation Equipment Manufacturers
- Tool and Die Manufacturers
- Food Service Companies
- Medical Equipment Manufacturers
- Medical Researchers



Case Study

Opportunity:

A customer needed a mini-actuator which would move a small light filter into its place in front of a projector. The actuator had to meet the very specific requirements of having a 12-inch stroke, a traverse speed of 3/4 ips, and an ability of interfacing through a RS232 connection to the existing controller. The customer also wanted this actuator to be inserted into its currently running system without making system changes.

Solution:

Controlled Motion Dynamics met the customer's specific requirements by designing an 80/20 slide assembly. The assembly was easily bolted into the customer's existing framework. Mounting the small actuator to the 80/20 slide, Controlled Motion Dynamics also built the custom RS232 interface. Prior to shipping, CMDI fully constructed and tested the actuator. After the customer installed and tested the actuator it was so pleased that fifteen additional actuators were ordered.



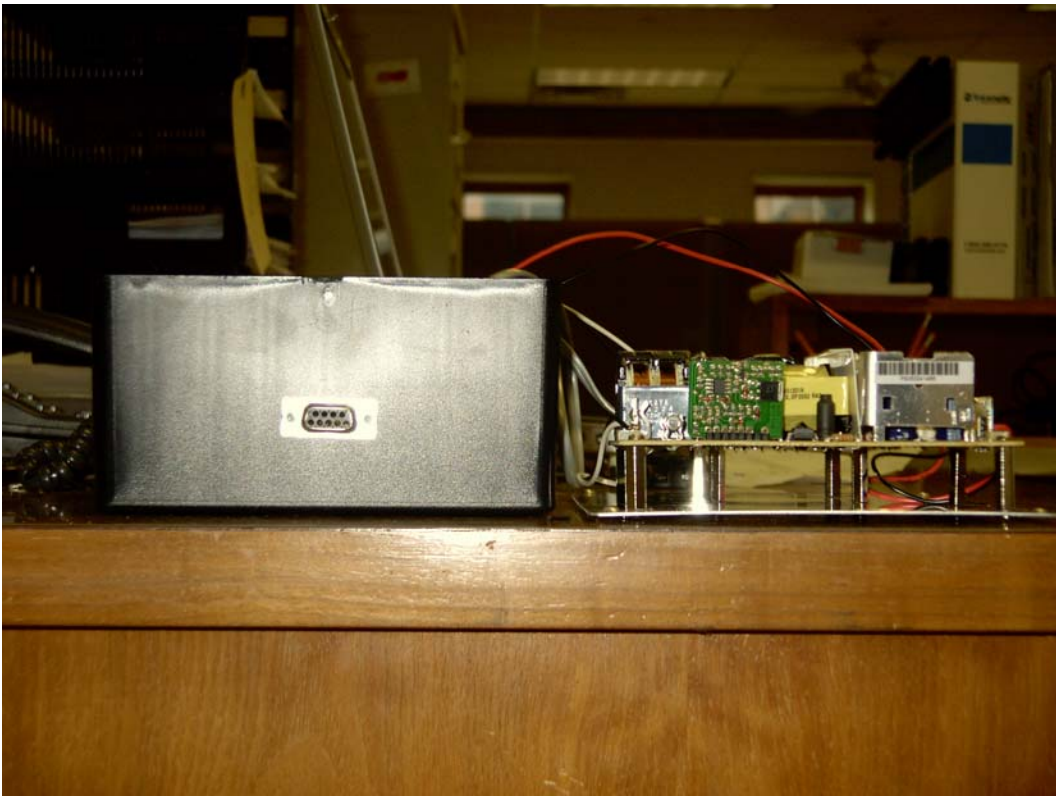
Mini-actuator as compared to pen



Control Box



120 vac and
actuator connection



RS232 connection