Product name:	Product code:
Three Axis Servo Positioning Linear Stage Trainer	CMI-NP-2062



Description

Trainer with three servo driven linear stages and encoder feedback to teach closed loop positioning with tuning of each axis. Learners tune servo gains, record following error and compare servo performance against open loop systems.

Technical specification

Max Velocity	300 mm/s
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Three Axis Servo Positioning Linear Stage Trainer is designed for ITI, polytechnic and TVET laboratories. Learners tune servo gains, record following error and compare servo performance against open loop systems.

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Features

- 3 linear stages with ball screws
- Servo drives with tuning
- Cross roller guides
- Position display per axis
- PC software for monitoring

Technical Specifications

Travel	200 mm per axis
Servo Motors	100 W with 2500 ppr encoder
Resolution	0.001 mm
Repeatability	+/- 0.005 mm
Controller	3 axis EtherCAT or pulse