Product name:	Product code:
Servo Motor and Ball Screw Linear Axis Trainer	CMI-NP-2002



Description

Linear axis trainer where servo motor drives a ball screw carriage on a guide rail. Used for studying lead, backlash, positioning accuracy and homing. The unit applies servo knowledge to CNC type linear motion with limit sensors and a scale to check repeatability.

Technical specification

Maximum Speed	500 mm/s
Sensors	Home and two limits
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 Servo Motor and Ball Screw Linear Axis Trainer is designed for ITI, polytechnic and TVET laboratories. The unit applies servo knowledge to CNC type linear motion with limit sensors and a scale to check repeatability.

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Features

- Ball screw and linear guides
- Servo motor with coupling
- Limit and home sensors
- Dial indicator for accuracy check
- Controller with jog and program

Technical Specifications

Stroke	300 mm
Ball Screw	16 mm dia, 10 mm lead
Servo Motor	400 W
Repeatability	+/- 0.02 mm