Product name:	Product code:
Three Axis Gantry Motion Control Training System	CMI-NP-2055



Description

Gantry style XYZ stage with stepper or servo motors and motion controller for learning coordinated three axis positioning, homing and path programming. Students program linear and circular interpolation and calibrate axes for accurate positioning in automation work.

Technical specification

Controller	3 axis, USB
Max Speed	200 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 Gantry Motion Control Training System is designed for ITI, polytechnic and TVET laboratories. Students program linear and circular interpolation and calibrate axes for accurate positioning in automation work.

Features

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- Aluminium gantry with ball screw axes
- Motion controller with USB
- Limit and home sensors on all axes
- Pen or pick-up tool holder
- Emergency stop

Technical Specifications

Travel	X 300 mm, Y 300 mm, Z 100 mm
Drive	3 x stepper with microstepping
Ball Screw	12 mm dia, 5 mm lead
Repeatability	+/- 0.02 mm