Product name:	Product code:
PLC Controlled Stepper Motor Training System	CMI-NP-2024



Description

System where a PLC with pulse output controls a stepper motor and drive for position tasks. Teaches pulse train programming, acceleration and homing. Students write PLC programs for pulse and direction control and move the stage to specified distances.

Technical specification

Resolution	0.01 mm per pulse
Sensors	Home and 2 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 PLC Controlled Stepper Motor Training System is designed for ITI, polytechnic and TVET laboratories. Students write PLC programs for pulse and direction control and move the stage to specified distances.

Features

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- PLC with high speed pulse output
- Stepper drive and motor
- Linear slide with scale
- Home and limit sensors
- HMI or push button control

Technical Specifications

PLC	Transistor output, 100 kHz pulse
Stepper Drive	24-48 V DC, 4 A
Motor	NEMA 23, 2.2 Nm
Slide Stroke	200 mm