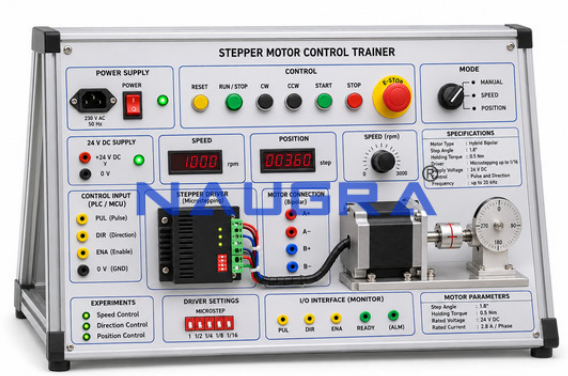
Product name:	Product code:
Stepper Motor Control Trainer	CMI-NP-0979



Description

A stepper motor control trainer with driver, controller and bipolar motor used to teach step angle, speed and position control from a microcontroller or manual switches.

Technical specification

Supply voltage	24 V DC
Control	Pulse and direction
Frequency	up to 20 kHz
Experiments	Speed, direction, position
Power supply	230 V AC, 50 Hz

It demonstrates full step, half step and microstepping modes. Students observe direction, speed and positioning control of the motor.

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Features

- Bipolar stepper motor with driver
- Full, half and microstep modes
- Manual and microcontroller control
- Speed and direction control knobs
- Test points for signals
- Protection circuits

Technical Specifications

Motor type	Hybrid bipolar stepper
Step angle	1.8 degrees
Holding torque	0.5 Nm
Driver	Microstepping up to 1/16