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Product name:	Product code:
Stepper Motor Position Control Trainer with Microcontroller	CMI-NP-2028



Description

Trainer with stepper motor, keypad and LCD controlled by a microcontroller. Used for learning step count, angle and speed programming in embedded applications. Students enter angle or steps from a keypad and write simple programs to run the stepper through sequences.

Technical specification

Programming	USB ISP
Resolution	200 steps per rev
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 Stepper Motor Position Control Trainer with Microcontroller is designed for ITI, polytechnic and TVET laboratories. Students enter angle or steps from a keypad and write simple programs to run the stepper through sequences.

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Features

- Stepper motor with ULN driver
- 4 x 4 keypad and 16 x 2 LCD
- Microcontroller with ISP port
- Pointer and angle dial
- Sample program set

Technical Specifications

Motor	5 V or 12 V unipolar, 1.8 degree
Controller	8 bit microcontroller
Display	16 x 2 LCD
Keypad	16 key matrix