NAUGRA®

Product name:	Product code:
Bipolar Stepper Motor Driver Training Board	CMI-NP-2023



Description

Training board with bipolar stepper motor and H bridge driver with current chopping. Used to understand microstepping, current limiting and torque characteristics. The board teaches how bipolar drives improve torque and how current setting affects heating and performance.

Technical specification

Current Setting	0.5-2 A
Input	Step, direction, enable
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 Bipolar Stepper Motor Driver Training Board is designed for ITI, polytechnic and TVET laboratories. The board teaches how bipolar drives improve torque and how current setting affects heating and performance.

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Features

- Bipolar hybrid stepper motor
- Chopper driver with current control
- Microstep selection switches
- Step and direction inputs
- Heat sink with fan

Technical Specifications

Motor	NEMA 17, 1.8 degree, 1.7 A
Driver Supply	24 V DC
Microstepping	Full to 1/16
Holding Torque	0.44 Nm