Product name:	Product code:
Stepper Motor Speed Torque Characteristics Trainer	CMI-NP-2030



Description

Trainer with stepper motor loaded by a prony brake or magnetic brake for plotting pull in and pull out torque curves. Includes frequency generator and tachometer.

Technical specification

Supply	24 V DC, 5 A internal
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 Speed Torque Characteristics Trainer is designed for ITI, polytechnic and TVET laboratories. Students find maximum stepping rate under load and plot torque against speed for a stepper motor.

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Features

- Hybrid stepper with magnetic brake
- Variable frequency pulse source
- Torque measuring arm
- Digital frequency and rpm display
- Overheat protection

Technical Specifications

Motor	Hybrid, 1.8 degree, 2 A
Frequency Range	10 Hz-20 kHz
Torque Range	0-1 Nm
Brake	Magnetic particle
Display	4 digit frequency and rpm