Product name:	Product code:
Brushless DC Servo Motor Training System	CMI-NP-1994



Description

System with BLDC servo motor and driver for experiments in commutation, speed and torque control. Hall sensors and encoder outputs available at terminals. Learners understand electronic commutation sequences and how a brushless drive differs from a brushed DC machine.

Technical specification

Test Points	Hall, phase, PWM
Tacho Display	4 digit rpm
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 Brushless DC Servo Motor Training System is designed for ITI, polytechnic and TVET laboratories. Learners understand electronic commutation sequences and how a brushless drive differs from a brushed DC machine.

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Features

- BLDC motor with encoder
- Three phase bridge driver
- Speed control potentiometer
- Hall and phase waveform test points
- Direction and brake switches

Technical Specifications

Motor	24 V BLDC, 100 W, 3000 rpm
Hall Sensors	3 nos, 120 degree spacing
Driver	3 phase MOSFET bridge
Speed Control	0-100 percent PWM