Product name:	Product code:
Servo Motor Coupled Load Characteristics Trainer	CMI-NP-1996



Description

Trainer coupling a servo motor to an adjustable load to plot speed torque curves and efficiency. Includes power analyser and torque transducer. Students generate characteristics of a servo motor under varying load and compare them with datasheet values.

Technical specification

Power Meter	Voltage, current, power
Efficiency Display	Calculated on meter
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Servo Motor Coupled Load Characteristics Trainer is designed for ITI, polytechnic and TVET laboratories. Students generate characteristics of a servo motor under varying load and compare them with datasheet values.

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Features

- Servo motor with torque transducer
- Adjustable electromagnetic load
- Digital power analyser
- Speed, torque, efficiency calculation
- Overload protection

Technical Specifications

Motor	750 W AC servo
Torque Transducer	0-5 Nm
Speed Range	0-3000 rpm
Load	Eddy current brake