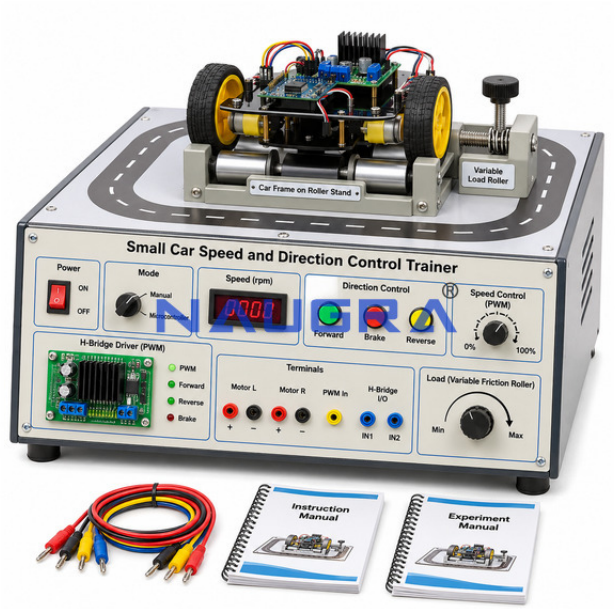
Product name:	Product code:
Small Car Speed and Direction Control Trainer	CMI-NP-2011



Description

Trainer using a fixed motor driven car platform on rollers to practise speed, direction and braking control. Includes H bridge drive and speedometer display. The trainer demonstrates PWM speed control, direction reversal and dynamic braking of small vehicle drives.

Technical specification

Control	Manual and microcontroller
Supply	12 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 Small Car Speed and Direction Control Trainer is designed for ITI, polytechnic and TVET laboratories. The trainer demonstrates PWM speed control, direction reversal and dynamic braking of small vehicle drives.

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Features

- Car frame on roller stand
- H bridge driver with PWM
- Forward, reverse, brake switches
- Speed display in rpm
- Variable load rollers

Technical Specifications

Motors	2 nos 12 V DC, 3000 rpm
PWM Frequency	1 kHz
Speed Display	Digital tachometer
Load	Adjustable friction roller