Product name:	Product code:
Solar Powered Small Car Motion Training Kit	CMI-NP-2012



Description

Small car powered by a solar panel and supercapacitor for studying renewable energy in vehicles. Shows how light intensity affects speed and run time. Students measure panel output, storage charging and car speed for different light levels and angles.

Technical specification

Light Source	150 W halogen lamp
Chassis	Acrylic, 250 mm long
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 Solar Powered Small Car Motion Training Kit is designed for ITI, polytechnic and TVET laboratories. Students measure panel output, storage charging and car speed for different light levels and angles.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Mono crystalline solar panel mounted
- Supercapacitor energy storage
- DC motor with gear drive
- Voltage and current meters
- Halogen lamp for indoor tests

Technical Specifications

Solar Panel	6 V, 2 W
Supercapacitor	5 F, 5.5 V
Motor	3 V DC geared
Meters	Voltage 0-10 V, current 0-1 A