Product name:	Product code:
Line Following Robot Car Training Kit	CMI-NP-2005



Description

Training kit of a small wheeled car with infrared sensor array that tracks a black line on a white track. Used to study sensing, motor drive and basic control logic.

Technical specification

Track Mat	1.2 x 1.2 m
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 Line Following Robot Car Training Kit is designed for ITI, polytechnic and TVET laboratories. Students assemble, wire and tune the sensors and motor driver so the car follows lines, turns and stops at markers.

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Features

- Chassis with two drive wheels and caster
- Five channel IR line sensor array
- Dual motor driver board
- Microcontroller programming port
- Track mat with line patterns

Technical Specifications

Drive	2 geared DC motors, 6 V
Sensors	5 channel IR reflective array
Controller	8 bit microcontroller
Speed	Up to 0.5 m/s
Battery	Rechargeable 7.4 V Li-ion