Product name:	Product code:
Small Car Obstacle Detection Radar Trainer	CMI-NP-2010



Description

Trainer with a scanning ultrasonic radar mounted on a small car with polar display. Teaches environmental mapping and collision avoidance in vehicles. The unit shows obstacle position on a radar style screen and trains students in distance threshold based alerts.

Technical specification

Motors	4 nos 6 V geared
Battery	7.4 V Li-ion
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 Obstacle Detection Radar Trainer is designed for ITI, polytechnic and TVET laboratories. The unit shows obstacle position on a radar style screen and trains students in distance threshold based alerts.

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Features

- Rotating ultrasonic head
- Polar plot display
- Buzzer and LED alerts
- Four wheel car platform
- Adjustable alert distance

Technical Specifications

Scan Angle	0-180 degree
Range	2-300 cm
Display	3.5 inch colour LCD
Alert Distance	10-100 cm adjustable