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Product name:	Product code:
Small Car Inertial Sensor Motion Training Kit	CMI-NP-2009



Description

Kit with accelerometer, gyroscope and compass module on a small car for studying acceleration, rotation and heading. Data is shown on an attached display or PC.

Technical specification

Logging	USB, CSV format
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 Inertial Sensor Motion Training Kit is designed for ITI, polytechnic and TVET laboratories. Students record acceleration and yaw during driving and relate sensor readings to actual vehicle motion.

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Features

- 3 axis accelerometer and gyroscope
- Digital compass module
- Data display on LCD
- USB data logging
- Wheel encoders for comparison

Technical Specifications

IMU	6 axis accelerometer and gyroscope
Accelerometer Range	+/- 8 g
Gyro Range	+/- 500 degree per second
Compass	3 axis magnetometer
Display	16 x 2 LCD