NAUGRA®

Product name:	Product code:
Hall Effect Sensor Training Kit	CMI-NP-1973



Description

Training kit with linear and switch type Hall sensors, magnet carriage and a Gauss meter style display. Used to study magnetic field measurement, speed sensing and position detection.

Technical specification

Display	3.5 digit voltmeter
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 Hall Effect Sensor Training Kit is designed for ITI, polytechnic and TVET laboratories. Learners measure sensor voltage against magnet distance and apply Hall sensors to rotational speed and current sensing.

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Features

- Linear and digital Hall sensors
- Magnet on sliding carriage with scale
- Rotating disc with magnets for rpm sensing
- Digital voltmeter and frequency display
- Amplifier and comparator stages

Technical Specifications

Sensor Types	Linear ratiometric and latch type
Magnet	Neodymium, 8 mm dia
Distance Range	0-30 mm
Linear Output	0.5-4.5 V at 5 V supply
Rotation Speed	0-3000 rpm