Product name:	Product code:
Humidity and Gas Sensor Training System	CMI-NP-1974



Description

Training system with capacitive humidity sensor and semiconductor gas sensor inside a test chamber. Teaches environmental sensing, warm up behaviour and threshold alarm. Students expose the sensors to controlled humidity and gas samples and study output change, response time and alarm setting.

Technical specification

Output	0-5 V and relay
Chamber Volume	1 litre
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 Humidity and Gas Sensor Training System is designed for ITI, polytechnic and TVET laboratories. Students expose the sensors to controlled humidity and gas samples and study output change, response time and alarm setting.

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Features

- Humidity sensor with conditioning circuit
- MQ type semiconductor gas sensor
- Transparent test chamber with fan
- Threshold alarm with buzzer
- Digital readout of humidity

Technical Specifications

Humidity Range	10-95 percent RH
Humidity Accuracy	+/- 3 percent RH
Gas Sensor	Semiconductor type for LPG and alcohol
Warm Up Time	3 minutes