Product name:	Product code:
Sensor Based Object Sorting Trainer	CMI-NP-1971



Description

Miniature conveyor with proximity sensors that separate metal, plastic and wooden objects into bins. Demonstrates practical use of sensors with relays or PLC in sorting stations.

Technical specification

Control Voltage	24 V DC
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 Sensor Based Object Sorting Trainer is designed for ITI, polytechnic and TVET laboratories. Students wire and program sensor logic that identifies material type and drives pusher cylinders or gates.

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Features

- Belt conveyor with DC gear motor
- Inductive and capacitive sensors
- Three sorting bins with pushers
- Relay or PLC control ready
- Part counter display

Technical Specifications

Conveyor Length	600 mm
Belt Width	80 mm
Motor	24 V DC gear motor
Sensors	Inductive, capacitive, optical
Sorting Bins	3 nos