NAUGRA®

Product name:	Product code:
Ultrasonic Proximity Sensor Trainer	CMI-NP-1972



Description

Trainer with an ultrasonic distance sensor, analogue and digital outputs and a target stand. Teaches non-contact distance measurement, teach-in operation and window setting. The unit lets students plot output voltage against distance and learn the effect of target material, size and angle on ultrasonic sensing.

Technical specification

Resolution	0.1 mm
Target Scale	0-400 mm graduated rail
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 Ultrasonic Proximity Sensor Trainer is designed for ITI, polytechnic and TVET laboratories. The unit lets students plot output voltage against distance and learn the effect of target material, size and angle on ultrasonic sensing.

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Features

- Cylindrical ultrasonic sensor with teach-in
- Analogue 0-10 V and digital outputs
- Digital panel meter for distance and voltage
- Sliding target plate with scale
- Window mode and switch point setting

Technical Specifications

Sensing Range	30-300 mm
Frequency	300 kHz
Analogue Output	0-10 V DC
Digital Output	PNP, 24 V DC