| Product name: | Product code: |
| --- | --- |
| Ultrasonic Distance Sensor Trainer | CMI-NP-1049 |




## Description

An ultrasonic distance sensor trainer with moving target and digital display that measures distance by time of flight, used to teach non contact ranging.

## Technical specification

| | |
|---|---|
| Display | LCD in mm |
| Beam angle | approx. 15 degrees |
| Target | Sliding plate |
| Experiments | Ranging and calibration |
| Power supply | 230 V AC, 50 Hz |

Students vary distance and observe echo timing and output. The trainer also demonstrates beam angle and temperature effects.

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**Features**

- Ultrasonic transmitter and receiver
- Target plate on scale
- Digital distance display
- Analog output
- Adjustable range
- Test points

**Technical Specifications**

| | |
|---|---|
| Range | 50 mm to 1500 mm |
| Frequency | 40 kHz |
| Resolution | 1 mm |
| Output | 0 to 10 V and digital |