Product name:	Product code:
Laser Displacement Sensor Trainer	CMI-NP-1047



Description

A laser triangulation displacement sensor trainer with moving target and analog output, used to study precise non contact distance measurement.

Technical specification

Display	Digital
Target stage	Micrometer
Experiments	Surface effect, calibration
Power supply	230 V AC, 50 Hz

The sensor measures target position with high resolution. Students study the effect of surface colour and angle.

Features

- Laser triangulation sensor
- Micrometer target stage
- Analog and digital outputs
- Display unit
- Surface samples
- Alignment bracket

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Technical Specifications

Measuring range	50 mm +/- 10 mm
Resolution	0.01 mm
Laser	Class 2 red, 650 nm
Output	4 to 20 mA / 0 to 10 V
Response time	1 ms