Product name:	Product code:
Potentiometric Linear Displacement Trainer	CMI-NP-1048



Description

A trainer with a linear potentiometer sensor and amplifier that shows displacement to voltage conversion and calibration.

Technical specification

Resolution	0.1 mm
Experiments	Calibration and linearity
Power supply	230 V AC, 50 Hz

A slider moves along a scale while students read output voltage and plot a calibration curve.

Features

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- Linear potentiometer sensor
- Scale with slider
- Signal conditioning amplifier
- Digital voltmeter
- Zero and gain controls
- Experiment manual

Technical Specifications

Stroke	100 mm
Resistance	5 kilo ohm
Linearity	0.5 percent
Output	0 to 10 V
Display	Digital voltmeter
Excitation	10 V DC