Product name:
Cable Dimension Measuring Instrument with Optical Micrometer

Product code:
CMI-IND-0333



Description

Non-contact optical system for outer diameter, ovality and insulation thickness of cables. Used for sample checks in wire and cable factories. It checks that insulation wall thickness and eccentricity meet the cable specification.

Technical specification

Insulation thickness range	0.1 to 10 mm
Magnification	20x
Power	230 V AC, 50 Hz
Standards	IEC 60811-201, IEC 60811-202

Standard Accessories

- Slicing blade
- Calibration pin
- Specimen holder

A scanning laser beam measures shadow width of the cable to a micrometre. Insulation thickness is read from a cross-sectional slice on a magnified measuring stage with built-in software calculating eccentricity.

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Features

- Laser scanning micrometre
- Ovality and eccentricity calculation
- Cross-section viewer with 20x magnification
- Data output USB
- Min and average thickness per standard

Technical Specifications

Diameter range	0.1 to 30 mm
Accuracy	+/-2 um
Resolution	0.1 um
Measuring points	2 axes, 360 deg