Product name:	Product code:
Digital Thickness Micrometer for Paperboard	CMI-IND-0107



Description

Precision dead-weight micrometer that measures the caliper of paper and paperboard under a defined pressure. Used in carton board QC to verify thickness, calculate bulk and check variation across a reel.

Technical specification

Contact Pressure	100 +/- 10 kPa
Standards	ISO 534, TAPPI T411, IS 1060
Display	Backlit LCD
Power Supply	230 V AC, 50 Hz
Dimensions	approx. 250 x 200 x 320 mm

Standard Accessories

- Standard gauge block
- Dust cover

A flat anvil and motorised presser foot apply a standard pressure of 100 kPa, so each reading represents the true caliper of the board rather than operator touch. Bulk and density can be derived by combining the reading with grammage. The instrument suits board up to 3 mm thick and gives printed or stored sample statistics.

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Features

- Constant pressure 100 kPa foot with auto lowering
- Digital display with 1 um resolution
- Mean, min, max and standard deviation of readings
- Hardened and lapped anvil and foot surfaces
- RS232 output for data collection

Technical Specifications

Measuring Range	0 - 3 mm (0 - 10 mm optional)
Resolution	1 um
Accuracy	+/- 2 um
Presser Foot Diameter	16 mm (200 mm2)