Product name:	Product code:
Paper Core Radial Crush Strength Tester	CMI-IND-0066

Description

Motorised compression tester that squeezes paper cores and tubes between flat platens to measure radial crush load and deflection. Used by core makers and textile, film and paper converters.

Technical specification

- Core support jig
- Load cell
- Digital indicator

A paper core is laid on its side between parallel platens and compressed at constant speed while load and deformation are recorded. The peak load indicates how well the core resists clamping and winding pressure. Test data helps tube makers tune wall thickness and board grade.

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Features

- Constant platen speed 12.5 mm/min
- Load cell capacity 5 kN with peak hold
- Platens 400 mm wide for cores up to 400 mm long
- Displacement sensor with 0.01 mm resolution
- Overload protection and limit switches

Technical Specifications

Load capacity	5 kN (500 kgf)
Load accuracy	+/- 1 percent of reading
Platen speed	12.5 +/- 2.5 mm/min
Platen size	400 x 150 mm
Core diameter range	25 to 400 mm
Standards	ISO 11093-9, ASTM D1032 (paper tube principle)
Power supply	230 V AC, 50 Hz, 0.37 kW

Standard Accessories