Product name:	Product code:
Cobb Water Absorption Tester for Paperboard	CMI-IND-0103

Description

Determines the mass of water absorbed by one side of paperboard in a fixed contact time using a metal ring and roller assembly. Used to check sizing and barrier coating performance of carton board.

Technical specification

- Blotting paper pack
- Measuring cylinder 100 ml
- Stop timer

A 100 cm2 ring is clamped over the weighed board specimen, filled with water for the specified time, drained and blotted with a standard roller before reweighing. The Cobb value in g/m2 shows how well the board is sized or coated against moisture and liquid penetration. It is a routine test for milk, juice and frozen food cartons.

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Features

- Stainless steel ring with 100 cm2 area and quick clamp plate
- Standard 10 kg blotting roller with handle
- Built-in sample support base with rubber seal
- Calibrated cylinder for 100 ml fill
- Resistant to corrosion for daily lab use

Technical Specifications

Test Area	100 +/- 0.2 cm2
Water Volume	100 ml
Contact Time	30 s to 30 min (as per grade)
Roller Mass	10 kg, width 200 mm
Ring Material	Stainless steel 304
Standards	ISO 535, TAPPI T441, IS 1060
Base Plate	Stainless steel, 250 x 250 mm
Balance Required	0.001 g resolution (not included)

Standard Accessories