Product name:	Product code:
Yarn Cone Surface Friction Coefficient Tester	CMI-IND-0070

Description

Sled-type friction tester that measures the static and kinetic friction of paper cone surfaces against yarn. Used in textile mills and cone makers to control yarn unwinding performance.

Technical specification

- Standard sled
- Specimen clamps
- Curved cone fixture

A weighted sled covered with standard yarn is pulled across the cone surface or board sample at a fixed speed, and the pull force gives the friction coefficient. Surface friction affects yarn slipping and package stability. The instrument helps tune cone coating and surface finish.

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Features

- Sled mass 200 g standard
- Pull speed 150 mm/min
- Load cell with 0.01 N resolution
- Static and kinetic coefficient output
- Interchangeable test plane for cones and flat board

Technical Specifications

Load range	0 to 10 N
Resolution	0.01 N
Pull speed	150 +/- 30 mm/min
Sled weight	200 +/- 2 g
Travel length	100 mm
Standards	ISO 8295, ASTM D1894, TAPPI T 815
Power supply	230 V AC, 50 Hz

Standard Accessories