Product name:	Product code:
Horizontal Tensile Tester for Paper Strips	CMI-IND-0096

Description

Constant rate of elongation horizontal tensile tester for tensile strength, stretch and TEA of paper strips. Used in paper mills and converting plants for machine and cross direction strength.

Technical specification

- Specimen cutter 15 mm
- Spare jaw faces
- Calibration weights

A 15 mm strip is clamped between two pneumatic jaws and pulled at constant elongation rate of 20 mm per minute while force and elongation are recorded. Tensile breaking length, stretch and energy absorption are calculated automatically. The horizontal layout reduces specimen sag and gives consistent results.

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Features

- Load cell 500 N with 0.01 N resolution
- Pneumatic jaws with rubber faces
- Elongation measured by encoder to 0.01 mm
- Constant elongation 20 mm/min
- Software calculates breaking length, TEA, tensile index

Technical Specifications

Load range	0 to 500 N
Resolution	0.01 N
Gauge length	100 mm
Test speed	20 +/- 5 mm/min
Strip width	15 mm
Standards	ISO 1924-2, TAPPI T 494, IS 1060
Power supply	230 V AC, 50 Hz

Standard Accessories