Product name:	Product code:
Rope Tensile Testing Machine for Polypropylene and Nylon Ropes	CMI-IND-0219

Description

Horizontal and vertical tensile machine for breaking strength tests on plastic ropes and cordage. Used by rope makers and marine, fishing and construction suppliers to verify rated break loads.

Technical specification

- Capstan grips
- Rope eye splice fixtures
- Calibration cert sample

Rope samples are wound around capstan grips or held by splice-lock clamps to avoid slip and failure at the jaws. Load and elongation are recorded until the rope parts. The frame is sized for common rope diameters from 4 mm to 40 mm.

Features

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- Capacity 100 kN to 500 kN
- Capstan and wedge grips for rope
- Hydraulic power pack with servo valve
- Digital readout with peak hold
- Computer interface for curves

Technical Specifications

Test Standards	ISO 2307, ISO 1346, BS EN 919, IS 5175
Capacity	200 kN (options 100 to 500 kN)
Rope Diameter	4 to 40 mm
Accuracy	+/- 1 % of reading
Stroke	Up to 1000 mm
Drive	Hydraulic
Display	Digital with RS232
Power	415 V AC, 3 phase, 50 Hz

Standard Accessories