Product name:	Product code:
Rope Fatigue and Flex Cycling Test Machine	CMI-IND-0213

Description

Machine that cycles rope over a sheave under tension to find the bending fatigue life. Used for crane, winch and marine ropes in plastic and hybrid construction.

Technical specification

- Sheave set
- Tension cylinder
- Rope clamps

A loaded rope runs back and forth over a sheave of a defined diameter while cycles are counted. Fatigue endurance is the number of bends before a measurable strength loss or break. Variable sheave sizes simulate real use.

Features

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- Variable sheave diameters
- Adjustable stroke and speed
- Load held by pneumatic cylinder
- Cycle counter with auto stop
- Heavy duty frame

Technical Specifications

Test Standards	ISO 2307, ISO 10325 reference
Sheave Diameters	50, 100, 150, 200 mm
Applied Load	Up to 10 kN
Stroke	Up to 1500 mm
Speed	Up to 20 cycles/min
Counter	Digital preset
Motor	1.5 kW geared
Power	415 V AC, 3 phase

Standard Accessories