Product name:	Product code:
Aircraft Cable and Wire Rope Tension Fatigue Test Machine	CMI-IND-0424

Description

Machine that cycles aircraft control cables back and forth over small pulleys under constant pneumatic tension and counts cycles to first wire break. Used by cable manufacturers and flight control component laboratories.

Technical specification

- Pulley set
- Cable clamps
- Load cell

A control cable is cycled back and forth over small pulleys while held at a set tension by a pneumatic cylinder. The cycles to first wire break are counted to compare cable constructions and lubricants.

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Features

- Pneumatic tension to constant set load
- Reciprocating drive with adjustable stroke
- Hardened pulleys of different diameters
- Cycle counter and wire break detector
- Heavy bench frame

Technical Specifications

Cable size	1.5 to 6 mm
Tension	Up to 5 kN
Stroke	Adjustable 200 to 500 mm
Speed	10 to 30 cycles per minute
Pulley diameter	Selectable 20 to 100 mm
Counter	Preset 0 to 999,999
Standards	MIL-DTL-83420, AS 4461 procedure
Power	415 V, 3 phase, 50 Hz

Standard Accessories