Product name:	Product code:
Spring Fatigue Testing Machine with Cycle Counter	CMI-IND-0316

Description

Multi-station machine that cycles compression springs between fixed heights to determine fatigue life. Used in valve spring and suspension spring development labs. Every station stops on its own when a spring fails, so cycle life is logged per spring.

Technical specification

Standard Accessories

- Spring seat inserts
- Break sensors spare
- Lubricating oil

Springs are compressed by crank-driven plungers at a set stroke and frequency. Each station has a failure sensor that stops the count when a spring breaks, so cycles to failure are logged individually.

Features

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- Six independent test stations
- Stroke adjustable by eccentric
- Frequency up to 20 Hz
- Automatic stop on spring breakage
- Cycle count to 99,999,999 per station

Technical Specifications

Stations	6
Frequency	1 to 20 Hz
Stroke	5 to 40 mm adjustable
Max spring OD	50 mm
Max spring free length	200 mm
Counter	8 digit per station
Motor	2.2 kW with VFD
Power	415 V, 3 phase, 50 Hz
Standard reference	DIN 50100, SAE J2528 practice