Product name:	Product code:
Extension Spring Tension Tester with Initial Tension Measurement	CMI-IND-0313

Description

Bench tester for extension springs measuring initial tension, load at length and spring rate. Used in appliance, automotive and garage-door spring production. Wire diameters from fine to heavy gauge can be checked against drawing limits.

Technical specification

- Hook set
- Open-end hook
- Calibration check weight

Hooks grip both ends of the spring while a motor-driven crosshead extends it to preset lengths. Initial tension is found by extrapolating the load-deflection line to zero length as required by spring standards.

Features

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- Hook for rubber cord type test
- Automatic initial tension calculation
- Adjustable extension limit switch
- Digital display of load and length
- Stepless speed control

Technical Specifications

Capacity	1000 N
Resolution	0.1 N
Accuracy	+/-0.5% of reading
Max extension	300 mm
Length resolution	0.01 mm
Wire diameter range	0.3 to 6 mm
Power	230 V AC, 50 Hz
Standards	IS 7906 Part 2, DIN EN 13906-2

Standard Accessories