Product name:
Compression Spring Load Rate Tester with Digital Force Gauge

Product code:
CMI-IND-0311



Description

Motorised stand with digital force gauge that measures load at set heights and spring rate of compression springs. Used by spring makers and automotive suppliers for 100 percent or sample inspection.

Technical specification

Travel	150 mm
Displacement resolution	0.01 mm
Spring outer diameter	up to 80 mm
Speed	5 to 100 mm/min
Power	230 V AC, 50 Hz
Standards	IS 7906, DIN 2095, DIN EN 13906-1

Standard Accessories

- Flat platens
- Spring guide rods
- Calibration weights

The spring sits between flat platens and is compressed by a precision lead screw to a preset length. Force and deflection are read together so load at test height and rate in N/mm are calculated on screen.

Features

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- Programmable test height
- Load and rate shown simultaneously
- Pass/fail limits with buzzer
- Fine speed control of platen
- Overload protection of load cell
- RS232 output for SPC

Technical Specifications

Capacity	500 N
Accuracy	+/-0.5% of full scale
Resolution	0.1 N