Product name:	Product code:
Spring Set Relaxation Tester for Compression Springs	CMI-IND-0317

Description

Fixture-based tester that holds springs at fixed compression in a heating oven to measure loss of load or length. Used to qualify spring wire and heat treatment for automotive parts.

Technical specification

- Compression fixtures
- Height gauge
- Temperature probe

Springs are pre-scragged, compressed to a set height in rigid fixtures and held for a stated time at temperature. Free length and load are measured before and after to determine set and relaxation percent.

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Features

- Multiple fixed-height plates
- Oven up to 250 deg C
- Digital PID temperature control
- Free length measured on integrated vertical gauge
- Scragging press included

Technical Specifications

Fixture capacity	12 springs
Oven temperature	ambient to 250 deg C
Temperature uniformity	+/-3 deg C
Spring OD range	10 to 40 mm
Max free length	150 mm
Length gauge resolution	0.01 mm
Power	230 V AC, 50 Hz, 3 kW
Standard reference	SAE J1121 / DIN 2089 practice

Standard Accessories