Product name:	Product code:
Leaf Spring Load Deflection Testing Machine 100 kN	CMI-IND-0314

Description

Hydraulic bench loading semi-elliptic leaf springs to measure camber, load-deflection characteristics and set. Used in commercial vehicle and railway spring plants. It records rate, camber and set for vehicle suspension springs before dispatch.

Technical specification

- Span rollers
- Centre loading pad
- Calibrated load cell

The leaf spring rests on adjustable rollers and a hydraulic ram loads it at midspan. A displacement transducer records deflection, and the control unit logs rate, set and free camber after cycles.

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Features

- Adjustable span rollers for various lengths
- Hydraulic ram with proportional valve
- Deflection measured by linear transducer
- Automatic set and rate calculation
- Guarded work area

Technical Specifications

Capacity	100 kN
Max spring length	1800 mm
Max deflection	300 mm
Load accuracy	+/-1%
Deflection resolution	0.1 mm
Hydraulic pressure	210 bar
Power	415 V, 3 phase, 50 Hz, 3.7 kW
Standards	IS 1135, IS 3431, SAE J1123

Standard Accessories