Product name:	Product code:
Disc Spring Belleville Washer Testing Machine	CMI-IND-0312

Description

Tests disc springs for load at deflection and flat load, with guide mandrel and platens. Used for tooling, clutch and valve component quality control. Single discs and stacked series are checked against the manufacturer's load tables.

Technical specification

- Guide mandrel set
- Hardened platens
- Lubricant

Single discs or stacks are centred on a hardened guide pin and compressed between ground plates. The software plots the characteristic curve and compares the load at 25, 50, 75 and 100 percent deflection to limits.

Features

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- Guide mandrel set
- Hardened platens
- Stack testing up to 10 discs
- Characteristic curve on screen
- Preset tolerance bands
- Mandrels from 8 to 100 mm

Technical Specifications

Capacity	100 kN
Load accuracy	+/-0.5% of reading
Disc diameter	8 to 100 mm
Max deflection	15 mm
Deflection resolution	0.001 mm
Platen hardness	60 HRC
Power	230 V AC, 50 Hz
Standards	DIN 2093, DIN 2092

Standard Accessories