

Roller Shear Machine

Model: R0010

The Roller Shear Machine is used to determine the resistance to compression fatigue of flexible cellular polyurethane using dynamic roller compression test. The Roller Shear Machine fatigues a specimen dynamically with a constant force deflecting the material both vertically and laterally. It has been used for many years in the foam industry to determine the percentage loss in thickness.

Anwendungen

- Flexible Cellular Polyurethane

Features

- Base Platen: 500mm x 500mm
- Roller: 500mm long, 76.0mm dia.
- Roller Offset 15° • Roller loading 130N (adjustable) • Cycle frequency 0.5Hz
- Stroke length 300mm
- Cycle Counter
- Floor standing machine
- Safety Guard

Benefits

- Easy to use
- Fast results
- Accurate

Standards

- ASTM D1564
- AS 2282.12 Clause 3.3, Method B
- ASTM D3574
- JIS K 6400

Options

- N/A



Connections

- **Electrical:** 220 / 240 VAC @ 50 HZ
oder 110 VAC @ 60 HZ
(please specify when ordering)

Dimensions

- **H:** 1.500 mm
- **W:** 1.620 mm
- **D:** 800 mm
- **Weight:** 220 kg



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