

a measurable difference...



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.

Application:

- 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

Standards:

- ASTM D1564
- AS 2282.12 Clause 3.3, Method B
- ASTM D3574

Options:

- N/A

Connections:

- **Electrical:** 220/240 VAC @ 50 HZ or
110 VAC @ 60 HZ

(please specify when ordering)

Dimensions:

- **H:** 1,500mm
- **W:** 1,620mm
- **D:** 800mm
- **Weight:** 220kg



10-11 Colrado Court, Hallam, Victoria 3803 Australia.

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: www.idminstruments.com.au

Email: idm@idminstruments.com.au

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