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.

Applications:
- 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 or 110 VAC @ 60 Hz
  (please specify when ordering)

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