

IDM

Instruments

Foam Constant Load Pounding Machine

Model Number: F0021

Details: The Constant Load Pounding Machine is used for the determination of loss in thickness and loss in hardness of flexible cellular materials intended for use in upholstery.

This test provides a means of assessing the service performance of flexible cellular materials of the latex and polyurethane types used in load-bearing upholstery. The test can be performed on both standard size test pieces cut from stock material and to shaped components. The principle of the test is repeated indentation of a test piece by the indenter, smaller in area than the test piece, the maximum load reached during each cycle being 750N, and running the machine for 80,000 continuous load cycles.

Specifications:

- Plane Palten
- Indentor, dia 250 +/- 1mm 25 +/- 1 mm radius
- Maximum force of 750 +/- 20 N
- 70 +/- 5 strokes per minute
- Stroke adjustable

Applications:

- Foam
- Seating
- Polyurethane

Features:

- 2 x 20 Kg Weights
- 1 x 10 Kg Weights
- 2 x 5 Kg Weights
- Up / Down Indicator
- Emergency Stop Switch
- Counter
- Regulators
- Start / Stop
- Timer

Standards:

- ISO 3385

Options:

- N/A



Connections:

- Electrical: 220/240 VAC@50Hz
110 VAC@60Hz
- Air: 600kpa - 800kpa
- Air volume sufficient to operate for an extended period of time

Dimensions:

- H: 1,500mm • W: 900mm • D: 750mm
- Weight: 160kg

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