

Constant Displacement Foam Fatigue Tester

a measurable difference...

IDM[®]
instruments

Model: F0029

The Constant Displacement Foam Fatigue is a floor standing instrument with four daylight sample areas, two on the left and two on the right side of the machine.

The compression platens for samples measure 500mm x 500mm. The centre, top and bottom plates are stationary, while the upper and below centre platens simultaneously move up and down, adjusted to the percentage of compression required via an adjustable cam.

Samples would be compressed between 4 compression areas for the relevant amount of time set on a cycle counter. Holding the samples in place would be via double sided tape.

Applications:

- Flexible cellular Polyurethane

Features:

- 4 Samples can be tested simultaneously
- Sample Area: 380mm x 380mm (or smaller), Up to 100 mm thickness
- Controls: Start / Stop / Emergency Stop / Cycle Counter / Speed Control / Totaliser
- Safety Guarding with magnetic safety switch.

Benefits:

- Easy to use
- Fast results
- Accurate

Standards:

- TSM7100G
- D42 1047/--C
- MS 679
- JIS K 6400

Connections:

- **Electrical:** 415 VAC @ 50 HZ / 60 HZ, 3 Phase



Dimensions:

- **H:** 1,850 mm
- **W:** 1,400 mm
- **D:** 750 mm
- **Weight:** 380 kg

Options:

- Instrument with 2 Compression Areas (Model F0029-2)

