

# Constant Deflection Static Force

*a measurable difference...*



Model: F0027

The Constant Deflection Static Force instrument determines the loss of indentation force deflection (IFD), loss of thickness and the structural breakdown by visual assessment of polyurethane.

This process will test a polyurethane sample at a 75% uniform, constant deflection, using two parallel plates. Spacer bars are also used in the machine to maintain a constant 75% deflection throughout the test.

## Applications:

- Flexible Cellular Polyurethane

## Features:

- Plates: 500mm x 500mm
- Test Area: 380mm x 380mm

## Benefits:

- Easy to use
- Fast results
- Accurate

## Standards:

- ASTM D3574 – Test I<sub>1</sub>
- JIS K 6400

## Options:

- TBA

## Connections:

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

## Dimensions:

- To suit Sample Size: 380mm x 380mm
- **Weight:** 112 kg

