

*a measurable difference...*



## Film Free Shrink Tester

### Model: F0006

Linear Thermal Shrinkage or Free Shrink is defined as the irreversible and rapid reduction in linear dimension, in a specified direction, occurring in film exposed to elevated temperatures.

Shrinkage in this way is related to the material of the film and internal stresses locked into the film (by the manufacturing process).

The Film Free Shrink Tester consists of a small, circular aluminium block, electrically heated and controlled by a temperature controller. Using aluminium foil discs with silicon oil, the test piece is placed into it to accelerate shrinkage at selectable temperatures.

### Applications:

- Flexible Packaging
- Shrink Packaging

### Features:

- Digital temperature controlled hot-plate
- Heating plate: Ambient – 250°C
- Specimen cutting knife
- Specimen cutting template
- Tweezers
- 2,500 aluminium foil discs
- 50ml silicone oil

### Standards:

- ASTM D 2732

### Options:

- Not Applicable

### Connections:

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

*(please specify when ordering)*

### Dimensions:

- **H:** 175mm
- **W:** 200mm
- **D:** 280mm
- **Weight:** 3kg



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

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: [www.idminstruments.com.au](http://www.idminstruments.com.au)

Email: [idm@idminstruments.com.au](mailto:idm@idminstruments.com.au)

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products and details shown may change without notice as IDM Instruments Pty Ltd<sup>®</sup> reserves the right to make alterations to its product range from time to time.

Copyright © 2006 IDM Instruments Pty Ltd<sup>®</sup>. All Rights Reserved.