
IDM

Instruments

Film Free Shrink Tester

Model No: F0006

Details: 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:

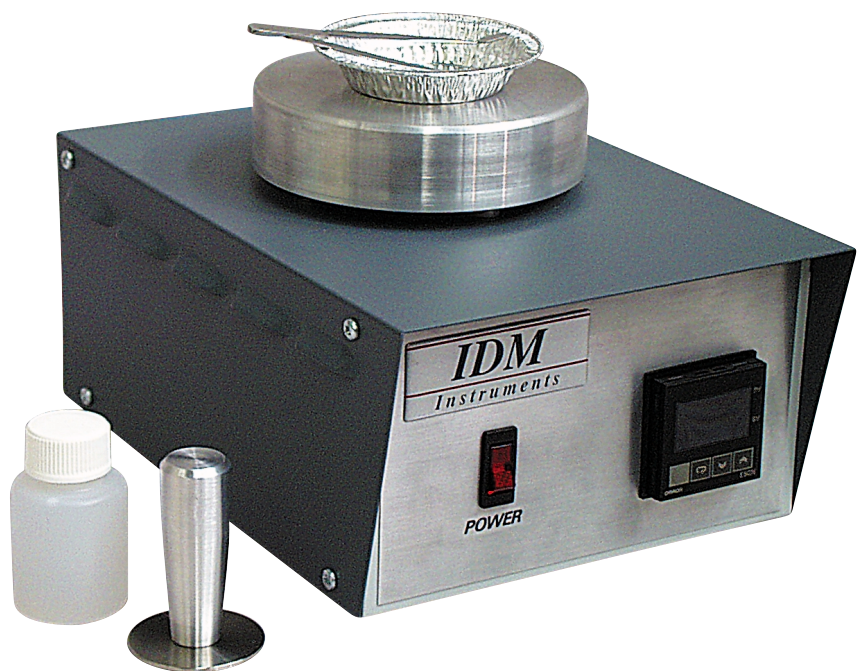
- Digital temperature controlled hot-plate
- Heating plate: Ambient - 250°C
- Specimen cutting knife
- Specimen cutting template
- Tweezers
- 2,500 aluminium foil discs
- 50ml silicone oil

Options:

- N/A

Standards:

- ASTM D 2732



Connections:

- Electrical: 220/240 VAC @ 50 HZ

Dimensions:

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

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