

TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...

IDM
instruments

FILM FREE SHRINK TESTER

MODELS: IDM-F0006-M1



INTRODUCTION

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

STANDARDS

- ASTM D 2732
- GB/T 13519
- ISO 11501

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

DIMENSIONS

Instrument:

- H: 170 mm
- W: 200 mm
- D: 280 mm
- Weight: 3 kg

Packaged:

- Box 1: H: 360 mm x W: 410 mm x L: 620 mm @ 6 kgs
- Box 2: H: 430 mm x W: 420 mm x L: 420 mm @ 7 kgs

WARRANTY AND CALIBRATION SERVICES

- **1 year Warranty**
- Our **Preventive Maintenance and Calibration (PM&C) program** has been designed to make the maintenance and calibration of your valuable testing equipment more cost effective by preventing breakdowns and downtime by regular calibration, service and replacement of defective parts. Talk to us about this today.