

# hanatek

[www.hanatekinstruments.com](http://www.hanatekinstruments.com)

QUALITY CONTROL OF -  
Cast Films  
Blown Films

## *FST* FILM SHRINK TESTER

Measurement  
standards  
ASTM D2732-03

Determine unrestrained  
film shrinkage

Quick, clean,  
repeatable  
measurement



### PREDICT FILM PERFORMANCE

Meet customer specifications

Optomise production

Improve quality

### APPLICATIONS

Flexible packaging manufacturers

- Cling film
- Blown film
- Shrink wrap

Hanatek products are exclusively  
manufactured and distributed by

 **RHOPOINT**  
INSTRUMENTS

# FST FILM SHRINK TESTER

The Hanatek FST is used to measure the effect of temperature on plastic films. The application of heat causes certain plastic films to rapidly contract; this effect can be used to seal and pack many items from food to consumer goods.

The shrink effect is due to internal forces locked into the film during manufacture being released by heating, it is also known as linear thermal shrink or free shrink.

The amount of shrinkage is dependent on the film type, thickness and sealing temperature.

Testing the percentage shrink of a film ensures that it is suitable for a particular packaging application and establishes the correct temperature for that application.

## FEATURES

### Fast efficient testing

Fast and accurate hotplate control allows film shrink tests to be performed in minutes.

### Easy determination of percentage film shrink

The easy to read, back lit scale allows percentage shrink to be easily determined.

## ACCESSORIES

### Scaled Measurement Disk

The included scaled measurement disk is used for cold determination of percentage shrink or dimensional shrink in mm.

High temperature oil, template, pipette, tweezers and cutting knife.

## SPECIFICATIONS

<b>Standards</b>	ANSI/ASTM D 2732-03
<b>Display</b>	LCD with set point and actual temperature reading
<b>Temperature</b>	<b>Range</b> 40-400 °C <b>Accuracy</b> +/- 0.3 °C
<b>Timer</b>	Lapse timer with alarm, registers overshoot



**Free Extended Warranty  
Calibration and service**

**Size** (H)120 x (W)300 x (D)270mm  
**Weight** 2.5kg



Certificate No. FM29741

LOCAL AGENT

# hanatek

12 Beeching Road | Bexhill-on-Sea | East Sussex | TN39 3LG | UK  
T +44 (0) 1424 739623 F +44 (0) 1424 730600  
info@hanatekinstruments.com www.hanatekinstruments.com

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