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**HANATEK** **FST**  
FILM SHRINK TESTER

- Stretch film
- Blown film
- Shrink wrap

# 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.

## APPLICATIONS



Stretch film



Blown film



Shrink wrap

## 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

- High temperature oil
- Template
- Pipette
- Tweezers
- Cutting knife



## SPECIFICATIONS

<b>Standards</b>	Results equivalent to ASTM D2732 (hot oil bath test method) This is a safer and more cost effective laboratory measure of percentage shrink.
<b>Display</b>	LCD with set point and actual temperature reading
<b>Temperature</b>	Range 40-400° C Accuracy +/- 0.3° C
<b>Timer</b>	Lapse timer with alarm, registers overshoot
<b>Dimensions</b>	(H) 120mm x (W) 300mm x (D) 270mm
<b>Weight</b>	4.7kg
<b>Packed weight</b>	6.1kg
<b>Packed dimensions</b>	(H) 350mm x (W) 450mm x (D) 290mm
<b>Commodity code</b>	9027 8017



Certificate no: FM 29741  
ISO 9001:2008

## LOCAL AGENT



 **HANATEK**  
INSTRUMENTS

Rhpoint Instruments Limited • Rhpoint House  
Enviro 21 Park • Queensway Avenue South • St Leonards-on-Sea  
East Sussex • TN38 9AG • UK • Tel: +44 (0) 1424 739623  
sales@hanatekinstruments.com • www.hanatekinstruments.com