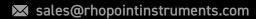








www.rhopointinstruments.com







HANATEK FILM SHRINK TESTER

- Stretch Film
- Blown Film
- Shrink Wrap





What does the FST measure?

The Hanatek Film Shrink Tester has been designed to quickly and easily measure the effect of temperature on plastic film.

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.



Why is film shrinkage important?

Film shrinkage is important to industry as blown films are often heat treated to form protective packaging for perishable food or manufactured products.

Blown plastic films contract when heated; this effect is used to seal or protect food or industrial products. In contrast, a film that exhibits too much shrinkage may distort a product or form a weak functional barrier.

The Hanatek Film Shrink Tester is used to measure the effect of temperature on blown films.

Benefits of using The Hanatek FST



Easy to use



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



Easy to read backlit scale allows percentage shrink to be easily determined



Determines quality of cast and blown films



Measures unrestrained film shrinkage







Features





Applications include:



Stretch film



Blown film



Shrink wrap





Specifications

Specification	Details
Standards	Results equivalent to ASTM D2732 (hot oil bath test method). This is a safer and more cost effective laboratory measure of percentage shrink
Display	LCD with set point and actual temperature reading
Temperature	Range: 40-200°C
Accuracy	Accuracy: +/- 0.3°C
Timer	Lapse timer with alarm registers overshoot
Dimensions	120mm (H) x 300mm (W) x 270mm (D)
Weight	4.7kg
Packed Weight	6.1kg
Packed Dimensions	350mm (H) x 450mm (W) x 290mm (D)
Commodity Code	9027 8017

Accessories included:

- · High temperature oil
- Template
- Pipette
- Tweezers
- Cutting knife
- Carrier discs



Free extended 2 year warranty: Requires registration at <u>www.rhopointinstruments.com</u> within 28 days of purchase. Without registration, 1 year standard warranty applies.

Calibration and service: Fast and economical service via our global network of accredited calibration and service centres. Please visit www.rhopointinstruments.com for detailed information.

Factory Sample Evaluation

Send in samples of your material for testing and receive a comprehensive test report.

Ready to receive a quote?

Click here

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