

Hanatek FST Film Shrink Tester

Used in accordance with : ASTM D2732

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.



At a Glance

- Quality control of Cast Films & Blown Films
- Measurement standards : ASTM D2732-03
- Determine unrestrained film shrinkage
- Quick, clean, repeatable measurement
- Predict film performance
- Meet customer specifications
- Optimise production
- Improve quality

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.

Applications

- Flexible packaging manufacturers
 - Cling film
 - Blown film
 - Shrink wrap

Technical Specifications

Standards	ANSI / ASTM D 2732-03	
Display	LCD with set point and actual temperature reading	
Temperature	Range	40 - 400°C
	Accuracy	+/- 0.3°C
Timer	Lapse timer with alarm, registers overshoot	
Size	(H)120 x (W)300 x (D)270mm	
Weight	2.5kg	

Optional 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.