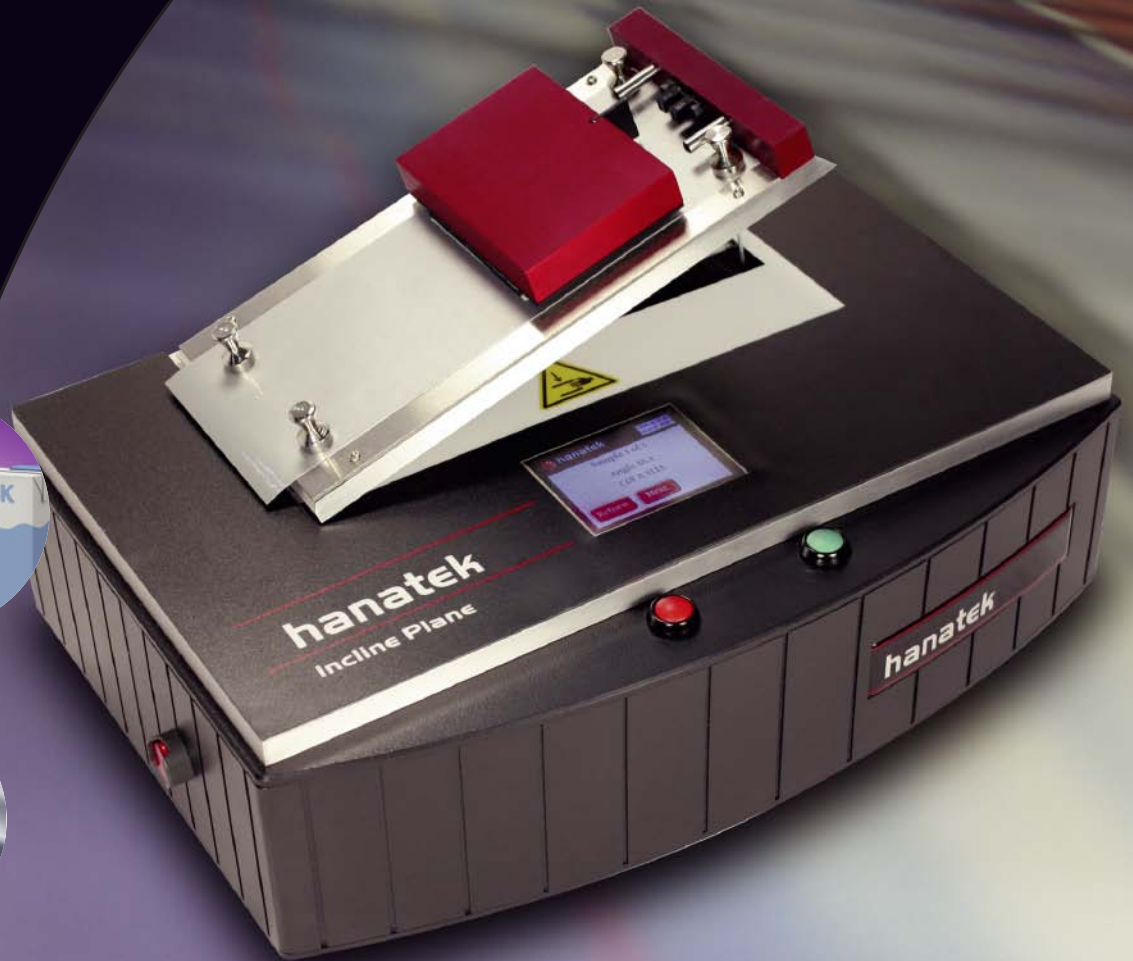


# hanatek



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

## IPT

### Inclined Plane Friction Tester

- Measure static coefficient of friction
- Measure slip angle

Hanatek products are exclusively  
manufactured and distributed by



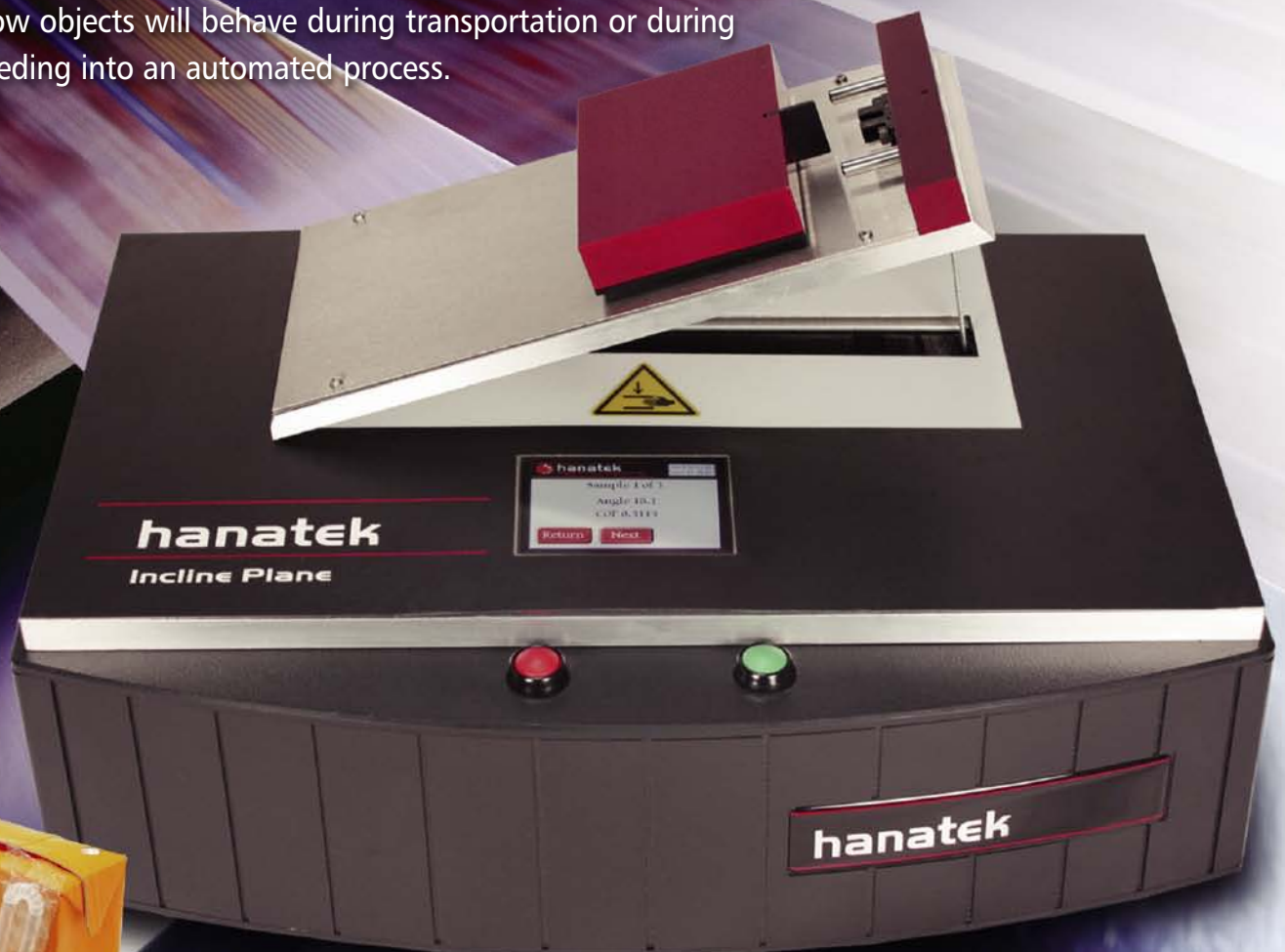
# IPT Inclined Plane Friction Tester

## ANALYSE SURFACE FRICTION CHARACTERISTICS

The Hanatek Inclined Plane Tester is a low cost but accurate instrument for determining the static friction coefficient of flat surfaces.

Static friction describes the force required to move two stationary surfaces against one another.

Quantifying static friction is helpful in understanding how objects will behave during transportation or during feeding into an automated process.



To understand how moving objects will behave during an automated process it is important to also quantify dynamic friction. This can be measured using the Hanatek Advanced Friction Tester.

# ANALYSE SURFACE FRICTION CHARACTERISTICS

## FEATURES

### Automated calculation of results

Test results are reported instantly in both COF and slip angle, completely eliminating the errors associated with manually operated instruments.

### Statistical analysis of results

On-board statistical analysis for an instant indication of batch quality.

### Simplicity of reporting

Date and time stamped results can be printed to the optional Hanatek results printer for simple reporting on job sheets or keeping with retained samples.

### Auto sample detect

Tests cannot start without the sample being positioned correctly.

### Touch screen operation



## APPLICATIONS



Printed carton board



Unprinted carton board



Corrugated board



Leather



Textile



Non Wovens

## WARRANTY

### FREE EXTENDED WARRANTY

Two year comprehensive guarantee as standard.



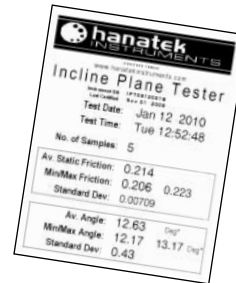
# IPT Inclined Plane Friction Tester

## IPT SPECIFICATIONS

Standards	TAPPI T815, ASTM D4981 NF Q03-083	
	<b>Angle</b>	<b>Static COF</b>
Range	0° – 52°	0 – 1.3
Resolution	0.1°	0.002 Static COF
Repeatability	0.4°	0.01 Static COF
Sled Weight	200g	
Power	AC 110V/220V 50Hz/60Hz	
Net weight	4kg	
Gross weight	5kg	
Dimensions	(h) 180 x (w) 225 x (l) 300 mm	
Packed weight	8kg	
Commodity code	9024 8011	

## OPTIONAL ACCESSORIES

### Results printer



## INCLUDED ACCESSORIES

- 200g Sled
- Sample securing magnets



Certificate no: FM 29741  
ISO 9001:2008

### LOCAL AGENT



# hanatek

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