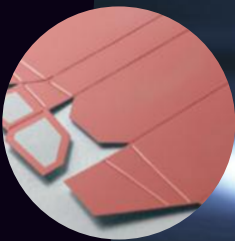
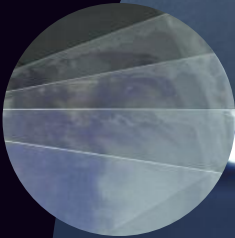




HANATEK
INSTRUMENTS



Test Equipment for the Packaging Industry



www.hanatekinstruments.com

Hanatek is a brand name of



RHOPOINT
INSTRUMENTS

Precision Thickness Gauges

FT3



- Meets the international standards for testing film, paper, board, textile, tissue and many more
- Repeatability of better than $0.4\text{ }\mu\text{m}$
- Choice of 0.1 or $0.01\text{ }\mu\text{m}$ resolution
- User programmable number of readings, dwell time and down speed
- Variable contact area and contact pressure
- Metric or imperial units
- Easy to use touch screen / integrated software
- Optional date / time stamped results printer

NEW Novo-Haze TX Transmission Hazemeter

- Measure total transmission and haze
- Measure to ASTM D1003 (CIE C)
- Suitable for plastic films and other transparent materials
- Ideal for any laboratory or QA environment

RHOPPOINT INSTRUMENTS				
Transmission Hazemeter				
Instrument ID:		FTX011818		
Test Date:		Nov 02, 2016		
Test Time:		Wed 17:04:27		
Haze Av:		0.00 %		
Max:	0.00	Min:	0.00	SD: 0.0000
Trans. Av:		100.0%		
Max:	100.0	Min:	100.0	SD: 0.000
Samples: 1				
www.rhointstruments.com				
- 84 (9) NEW 70002				

Novo-Haze TX



For detailed product information and demonstration videos of all our Hanatek products visit

Compact Friction Tester

- Measure static and dynamic friction of a variety of surfaces
- Suitable for production / laboratory environments
- Automated sled lowering and placement for more repeatable testing
- Profile graph displayed in real time, static and dynamic COF figures given at the end of the test
- Easy to use touch screen / integrated software
- Optional date / time stamped results printer



Advanced Friction Tester



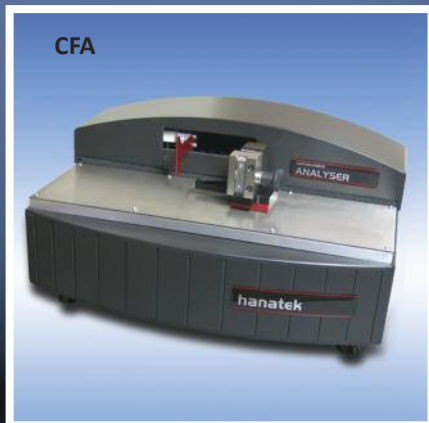
- Measure static and dynamic friction of a variety of surfaces
- Automated sled lowering and placement for more repeatable testing
- Profile graph displayed in real time, static and dynamic COF figures given at the end of the test
- Pre-loaded with ASTM/TAPPI/ISO methods with the ability to create bespoke tests
- Optional attachments provide the facility to conduct peel tests, tear tests and blocking tests
- Detachable heated bed provides testing up to 110 °C

Crease & Board Stiffness Tester

- Simple and accurate measurement of board stiffness and crease recovery
- Measure crease resistance at 90°
- Measure board stiffness at 90°
- Automatic calculation of crease to stiffness ratio
- Optional attachment for rounded corner packaging



Carton Force Analyser



- Measure the forces that limit the running speed of folding box board packaging
- Measure carton opening force and carton erection force
- The instrument allows individual creases to be analysed identifying problem areas in packaging design or manufacture
- Touch screen operation for quick and easy use
- Variable sample length, rotation speed & crease angle
- Interactive help routines ensure little training is required to operate the device
- Pre-loaded with ASTM/TAPPI/ISO methods with the ability to create bespoke tests

Carton Crease Proofer

- Produce production quality crease samples (width and depth) without committing valuable machine time
- Supplied with commercially produced rules and dies which are identical to those used on a full sized cut and crease machine



Rub Resistance Tester



- Test the durability of inks and coatings on printed material
- Fully automated touch screen operation
- Choice of weights according to the severity of the test
- Additional attachment for testing scratch and scuff resistance of printed material
- Additional attachment for testing printed material for solvent resistance
- Programmable test cycles allow tests be to performed unsupervised
- Optional date / time stamped results printer



Melt Flow Indexer

- Compliant to ASTM 1238 Part A, B & C
- Calculate MFI, MVR, melt density, shear stress
- Automatic calculation of test results
- Automatic cleaning cycle



Film Shrink Tester



- Determine the quality of cast and blown films
- Measure unrestrained film shrinkage
- Quick, clean, repeatable measurement

For detailed product information
and demonstration videos
of all our Hanatek products visit

www.hanatekinstruments.com

All Hanatek products are designed and
manufactured in the UK



Certificate No. FS 695372
ISO 9001:2015



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