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Test Equipment for the Packaging Industry



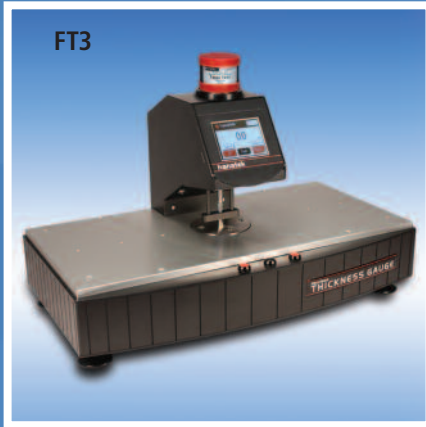
www.hanatekinstruments.com

Hanatek products are exclusively
manufactured and distributed by



HANATEK INSTRUMENTS –

Precision Thickness Gauges



- Meet the international standards for testing film, paper, board, textile, tissue and many more
- Repeatability of better than 0.4 μm
- Choice of 0.1 or 0.01 μm 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

Advanced Friction Tester

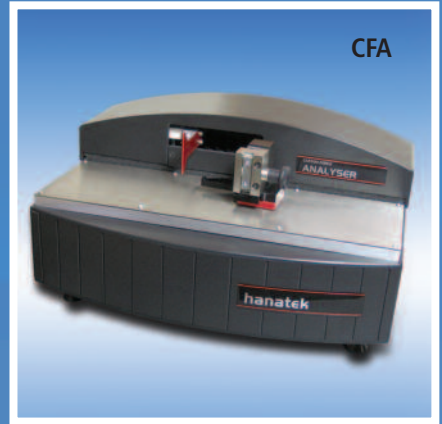
- Measure static and dynamic friction of a variety of surfaces
- Touch screen operation for quick, easy use
- Automated sled lowering and placement for more repeatable testing
- Profile graph displayed in real time, static and dynamic COF figures given at the end of the test
- Interactive help routines ensure little training required to operate device
- 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



one generation ahead for testing and measurement

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, easy use
- Variable sample length, rotation speed & crease angle
- Interactive help routines ensure little training required to operate device
- Pre-loaded with ASTM/TAPPI/ISO methods with the ability to create bespoke tests



Rub Resistance Tester



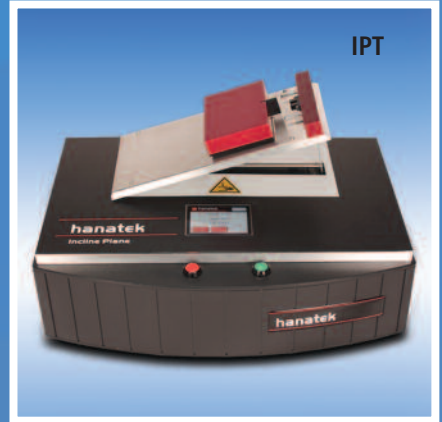
- Test the durability of inks and coatings on printed material
- Fully automated touch screen operation
- Choice of weights according to the severity of the test
- Additional attachment for testing scratch and scuff resistance of printed material
- Additional attachment for testing printed material for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



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Inclined Plane Friction Tester

- Determine the static coefficient of friction of a variety of substrates
- Results displayed in coefficient of friction and slip angle
- Statistical batch analysis
- Optional date / time stamped results printer



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

one generation ahead for testing and measurement

Crease & Board Stiffness Tester

- Simple and accurate measurement of board stiffness and crease recovery
- Measure crease resistance and 90°
- Measure board stiffness at 15°
- Automatic calculation of crease to stiffness ratio
- Optional attachment for rounded corner packaging



Film Shrink Tester



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

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



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

www.hanatekinstruments.com

LOCAL AGENT

All Hanatek products are designed and manufactured in the UK

00309/12/13



Certificate No. FM29741
ISO 9001:2008

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