

# hanatek

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

BOARD STIFFNESS  
CARTON OPENING FORCE  
CREASE RECOVERY  
REVERSE FLAP TESTING

## *CBT3* *ADVANCED* CREASE AND BOARD STIFFNESS TESTER

### PROFILE PACKING MATERIAL

Increase packing speeds

Reduce downtime

Reduce waste

Evaluate and control  
alternative substrates

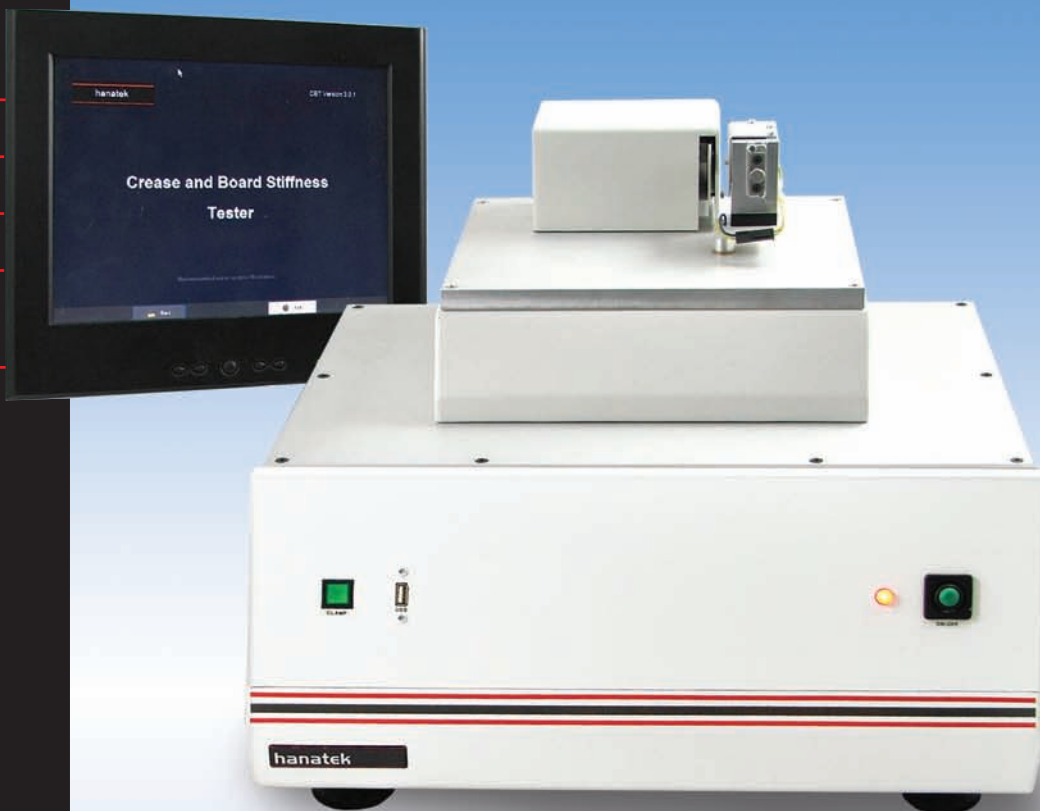
Measurement standards  
BS • ISO • TAPPI • ASTM

Determine the maximum  
packaging speed for any  
carton sample

Measure substrate stiffness

Automatically calculates  
key production ratios

Save results for further  
analysis and comparison



Hanatek products are exclusively  
manufactured and distributed by



# CBT3 *ADVANCED* CREASE AND BOARD STIFFNESS TESTER

## MEASURE

**BOARD STIFFNESS  
CARTON OPENING FORCE  
CREASE RECOVERY  
REVERSE FLAP TESTING**

Board stiffness and crease quality affect the running performance of cartons on high speed packaging machines. The CBT3 allows the user to predict the 'runability' of a packaging substrate, compare batches of product and evaluate the suitability of alternative materials.

The detailed profiles produced by the instrument help the user to determine if a material is suitable for a packaging line and the maximum production speed possible. The instrument also measures carton opening force and reverse flap force which indicates ease of erection and useability.

## FEATURES

### ANALYSE FORCE VS. ANGULAR DISPLACEMENT

Understand the folding characteristics of substrates and finished cartons

### ANALYSE AND SAVE PROFILES

Optimise production and identify alternative substrates

### USE PRESET OR BESPOKE TEST PROCEDURES

Make accurate, repeatable measurements to international standards or create user defined tests for individual applications

### FLEXIBLE TESTING

Variable measurement angle, speed and sample length.

## EXTRAS

### FREE SAMPLE CUTTER

Fast preparation of samples for testing to BS6965

### FREE EXTENDED WARRANTY

Register for a two year comprehensive guarantee

### CALIBRATION AND SERVICE

Fast and economic service via our global network of accredited calibration and service centres

### OPTIONAL EXTRAS

Use in conjunction with Hanatek CCP Carton Creaser Proofer to pre-determine the optimum crease for maximum production throughput.

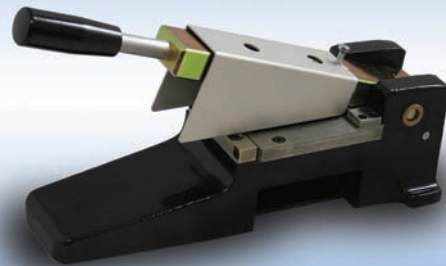
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FREE SAMPLE CUTTER

## SPECIFICATIONS

### STANDARDS

BS6965, 3748, ISO2493, TAPPI T556, DIN 53121, SCAN P29

RESOLUTION 0.1g

READING g/cm<sup>2</sup>, mn, mn/m<sup>2</sup>

ACCURACY 0.5% FSD

RANGE 0-499g force

POWER 110/240V,  
50/60Hz

WEIGHT 35kg

SIZE (H) 380 x  
(W) 468 x  
(D) 398mm



Certificate No. FM29741

LOCAL AGENT

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