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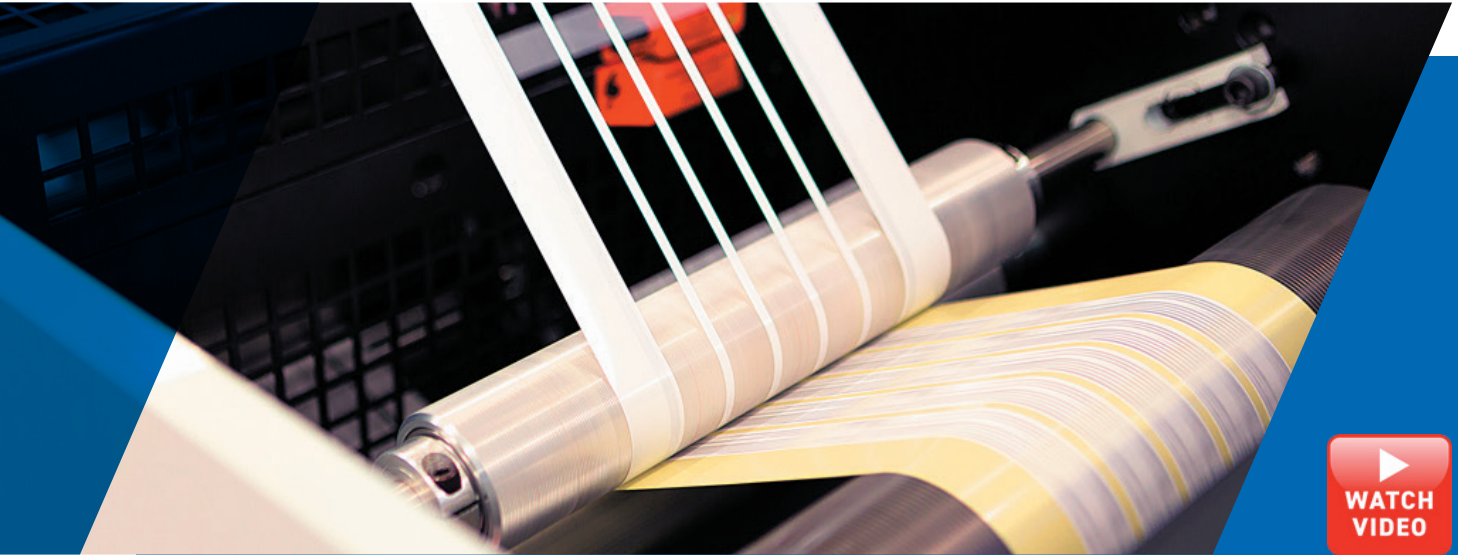
HANATEK 
UNIVERSAL SAMPLE CUTTER

Universal Sample Cutter

- Configurable for multiple test types
- Accurate
- Repeatable

Manufactured by Rhopoint Instruments in the United Kingdom 

Universal Sample Cutter (USC)



The Hanatek Universal Sample Cutter has been designed for the simple cutting of samples for the packaging laboratory.

Variety of Substrates and Test Types

Suitable for a variety of substrates including those that are hard to cut with traditional cutters.

- Film, down to 6µm
- Tissue
- Paper
- Carton boards
- Foils
- Laminate



Time

Save valuable time by preparing multiple samples simultaneously.



Cost Effective

The USC uses interchangeable dies to suit different test types. Simply purchase a new die for the test type required.

Safety

Increase operator safety - no knives required.

Custom Dies

Using a custom die is the fastest way to prepare samples for multiple test types. From a single sheet of material, samples can be prepared accurately and quickly.

1 or 2 of the same shape.



Up to 5 shapes of different sizes.



More than 5 different sized shapes or additional punched holes within shapes.



Crease and stiffness samples for a given pack size. Uses ejector pins for alignment.



Standard Dies

We have standard dies available to cut samples for most test types including:

✓ Friction

✓ O₂ permeability

✓ Rub resistance

✓ Tensile

✓ CO₂ permeability

✓ Carton crease

✓ Grammage

✓ WVTR

✓ Carton stiffness & more

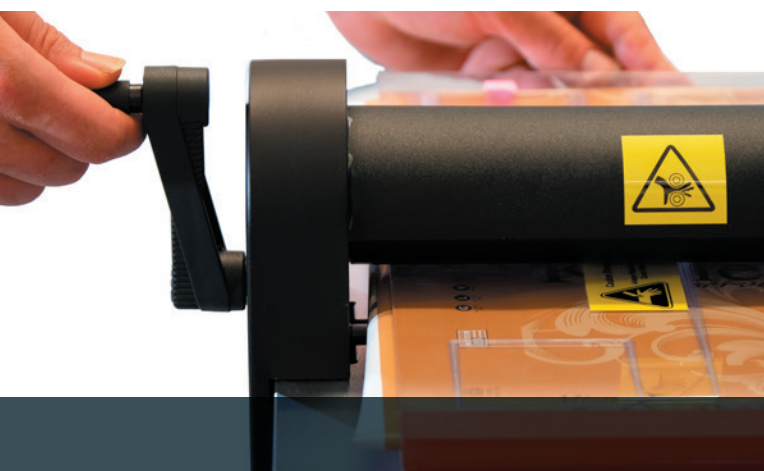
Dimensions



Small Die



Large Die



Samples produced are always to specification independent of operator.

- Accurate
- Repeatable
- Reliable

Substrates & Standards

The USC is suitable for cutting a variety of substrates from 6µm to 250µm.

Unprinted carton board
BS 6965, ISO 2493, BS 3748,
TAPPI T556, ASTM D646



Printed packaging
BS 6965, ISO 2493, BS 3748,
TAPPI T556, BS 3110



Labels
Friction - custom lengths
BS 3110



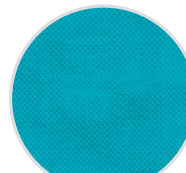
Plastic film
ASTM D1894, ISO 8295



Flexible packaging
BS 3110



Nonwoven



Tobacco packaging
BS 6965, ISO 2493



Paper
ASTM D646, PMI 068



Tissue paper
ISO 12625



Foils



Specifications

Instrument Specification	Details
Material thickness	6µm to 250µm
Applied pressure during cut	2 psi
Maximum sample area (Large DIE)	340mm x 180mm
Maximum sample area (Small DIE)	180mm x 140mm

Order Codes	
Universal Sample Cutter	RL-B80-001
Die - Crease & Board to BS6965	RL-B-CUTTER/CARTON
Die - Friction to ASTM D1894 / ISO 8925 (FILM)	RL-B-CUTTER/FRICTION FILM
Die - Friction to ASTM D1894 / ISO 8925 (BOARD)	RL-H-CUTTER/FRICTION-CFT
Die - Rub testing to BS3110	RL-B-CUTTER/RUB
Die - Grammage testing to ASTM D646	RL-B-CUTTER/GRAMMAGE
Bespoke cutter die - 1 or 2 of the same shape	RL-H-CUTTER/CUSTOM
Bespoke cutter die - Up to 5 shapes of different sizes	RL-H-CUTTER/CUSTOM-2
Bespoke cutter die - More than 5 different sized shapes or additional punched holes within shapes	RL-H-CUTTER/CUSTOM-3
Bespoke cutter die - Crease and stiffness samples for a given pack size (Uses ejector pins for alignment)	RL-H-CUTTER/CUSTOM-4

Instrument Dimensions	Details
Dimensions	200mm (H) x 560mm (W) x 390mm (D)
Packed weight	14kg
Packed dimensions	360mm (H) x 650mm (W) x 500mm (D)
Commodity code	9024 9000

Calibration
All dies include a traceable calibration certificate

Free extended 2 year warranty: Requires registration at www.rhpointinstruments.com/instrument-registration within 28 days of purchase. Without registration, 1 year standard warranty applies.

Calibration & services: Fast and economical service via our global network of accredited calibration and service centres. Please visit www.rhpointinstruments.com/support for detailed information.

Factory Sample Evaluation

Send in your material and we will prepare your samples according to the test required and return for your evaluation

Ready to receive a quote?

[Click here](#)



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