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### Universal Sample Cutter

- Configurable for multiple test types
- Accurate
- Repeatable





# **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:

0, permeability



Friction

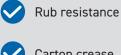


Tensile



Grammage





Carton crease



Carton stiffness & more





# **Dimensions**



Small Die



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Large Die





**Y**1 D1

Samples produced are always to specification independent of operator.

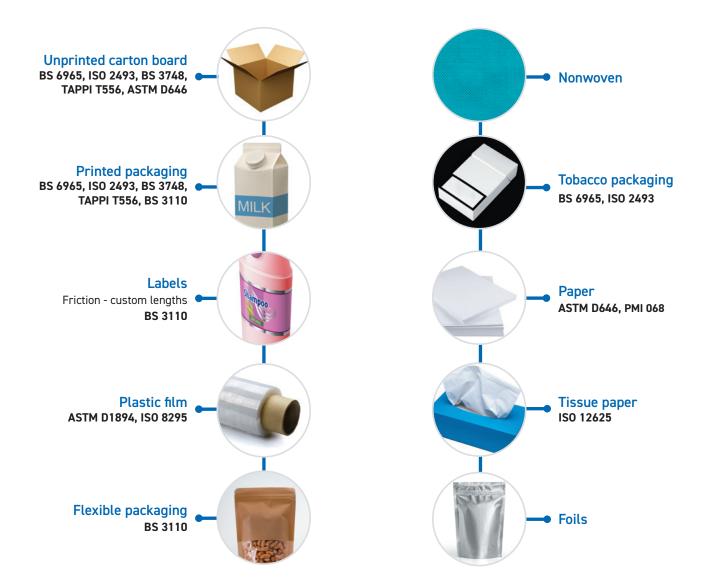
- Accurate
- Repeatable
- Reliable





## Substrates & Standards

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









# **Specifications**

	Details
nstrument Specification 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
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Order Codes	
Jniversal 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
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nstrument 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.rhopointinstruments.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.rhopointinstruments.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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