

*a measurable difference...*



## Crease and Stiffness Tester

**Model Number: C0039**

## Crease and Stiffness Cutter Model Number: C0016

In modern high-speed packaging machines it is very important to have the creases in boards correct and uniform. The value of crease stiffness is technically important in the folding of carton blanks during their erection and closure.

Whether this is by hand or by mechanical means. The crease recovery (spring back) can result in forces, which distort the erected carton or cause stresses to be applied to closures, which reduce their effectiveness.

Crease recovery is determined by the decrease in resistance offered by creased board after it is folded 90° at the crease measuring the recovery force after 15 seconds. Board Stiffness is determined by bending a 50mm length of board through a 15° angle.

### Applications:

- Paper
- Carton board



### Features:

- Easy to use, dual purpose instrument
- Board stiffness, Crease stiffness
- Range of 0 - 1000 gf
- Digital display
- Bending angle 90°
- Stiffness bending 15°
- Crease stiffness sample 38 x 36mm
- Board sample 70 x 38mm
- Accuracy 0.1% FS
- Test time 15 seconds
- Calibration weights - 180gm

### Options:

- Crease & Stiffness Cutter required to cut samples
- RS 232 output

### Standards:

- BS 6965
- BS 3748
- ISO 2493: 1992

### Connections:

- **Electrical:** 220/240 VAC @ 50 HZ or  
110 VAC @ 60 HZ  
(please specify when ordering)

### Dimensions:

- **H:** 140mm    • **W:** 275mm    • **D:** 150mm
- **Weight:** 5kg

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