

a measurable difference...

IDM
instruments

Crease and Stiffness Tester

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

Options:

- Crease & Stiffness Cutter required to cut samples
- RS 232 output
- Calibration weights included - 180gm

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

10-11 Colorado Court, Hallam, Victoria 3803 Australia.

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: www.idminstruments.com.au

Email: idm@idminstruments.com.au

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products and details shown may change without notice as IDM Instruments reserves the right to make alterations to its product range from time to time.

Copyright © 2006 IDM Instruments Pty Ltd. All Rights Reserved.