

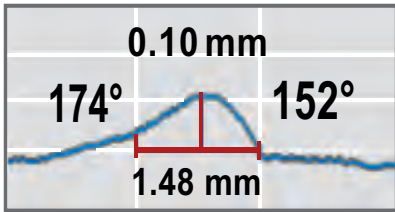
BETA FOLD CREASE & FOLD ANALYZERS

- **REDUCE EXPENSIVE WASTE & REJECTS**
- **CONTROL** variations in the cutting & creasing process
- **MINIMIZE** runnability problems on the packaging line

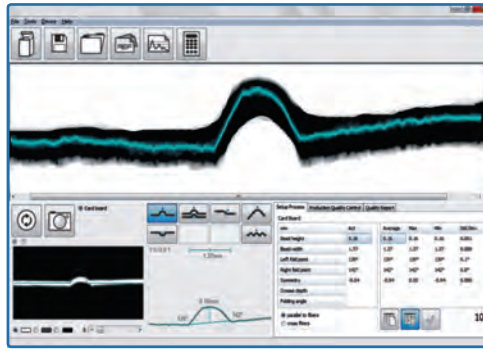


PAPER STRUCTURES & FOLDING CHANGE WITH

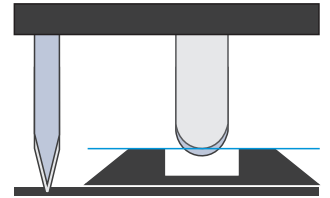
- Fiber lengths, fiber content, and fiber orientation
- Coatings, bond between coatings and paper
- Printed ink & varnish
- Drying conditions that affect the flexibility of the substrate
- Environment – humidity in the pressroom



BETA FOLD SOFTWARE
Images & Analyzes Bead
Dimensions & Delamination
for Production Correction



**CALCULATE STATISTICS
& CREATE QUALITY REPORTS**

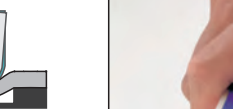
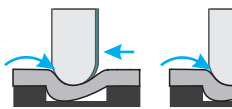


**Detect changes in
die penetration due
to knife wear**

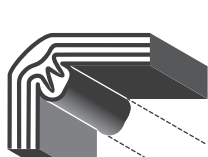
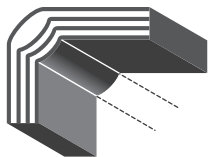
THE THEORY



IN PRACTICE



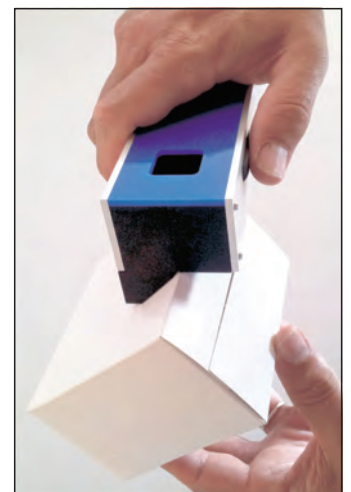
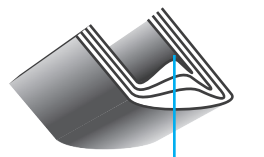
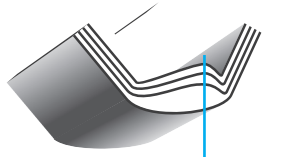
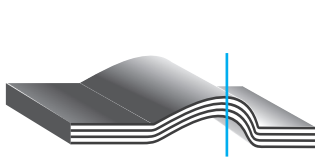
Fiber-fiber bonds between plies are broken to make creased areas behave like a hinge



Insufficient delamination
Bead Binding, Extensive
Tension Spine fracturing
or crease end splitting

**A crease
is a
double
fold!**

Bead symmetry is driven by the folding point sharpness



**Symmetrical Edges to
Insure Your Products
High Quality Look**

Application

Folding carton
On the press
After gluing
In the QA Department

Measure

Bead
Crease
Folding angle

Verify

Bead height, Crease depth
Bead width, Symmetry
Left fold point
Right fold point

Document

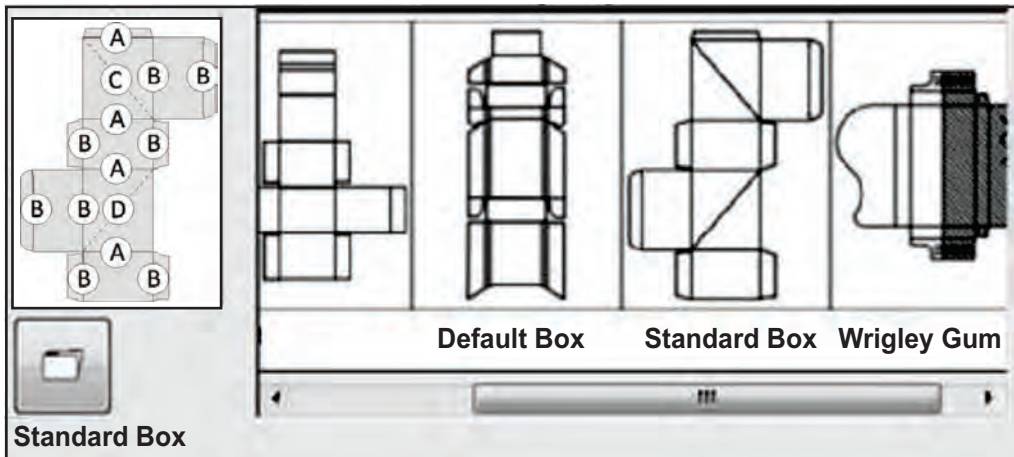
Quality Reports in PDF
Format, establish Statistical
Database

Free 10-Day Trial

BETAFOLD ADVANCED

BETAFOLD ADVANCED SOFTWARE supports networking for multiple users where a variety of different box types are in production. **BETAFOLD ADVANCED** also supports several multi-user client installations working with the central server database and network.

CREATE CUSTOMIZED BOX LAYOUTS **Betafold ADVANCED** offers a Box Editor that enables you to copy any existing Box layout from a PDF or a JPG file or load one of the pre-defined box layout from the box library. You can add or remove measurement positions for [A], [B], [C], or [D] type creases. After saving the new layout this will be available in the list of selectable box layouts in the reference Window.



USING CUSTOMIZED BOX LAYOUTS To simplify when use a large number of boxes, the **ADVANCED** software stores box layouts graphically with their reference numbers. When a reference number is selected, the box's graphic image is loaded and displayed with its measurement positions. The final report prints the customized box layout with the measurement data.

OPTIONS & ACCESSORIES

Power Crease Option when the bead is not available for measurement and data must be collected from the crease. A metal plate to hold the sample flat during measurement is also included.

The Power Crease function offers additional job statistics for crease and embossing measurements for The BetaFold Crease & Fold Analyzer. Additional crease profile calculations are also available with this function module. The function can be accessed only if the **POWER CREASE** option is enabled. Insert the Power Crease code by selecting the Power Crease License Item from the Help Menu. **The Power Crease** option consists of an upgrade code and a hardware tool that helps to keep the sample flat during crease or embossing.

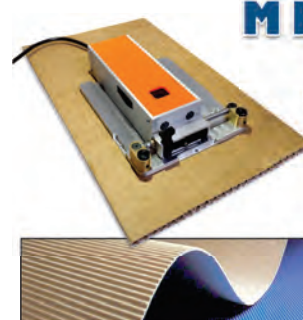
Power Box Option controls the angles and scoring process. The Power Box function and hardware offers additional job statistics for finished boxes. Insert the **POWER BOX** code by selecting the Power Crease License Item from the Help Menu.

E-Guide Pro2 Motorized Scanner Encoder is an optional mechanical tool that guides you while pulling the BetaFold over the embossed area. This leads to a repeatable, fast and accurate control of your embossed area.

UPGRADING BETAFOLD STANDARD TO BETAFOLD ADVANCED Betafolds can be upgraded to the **ADVANCED** version via Upgrade codes. **An initial software version of v1.3.0.0 or later is required.**

BETACORR Corrugated Analyzer

CONTROL CHARACTERISTICS IN HIGH END CORRUGATED FLUTE DIMENSIONS & LINERS **ESSENTIAL TO PRODUCE THE HIGHEST QUALITY PRODUCT FOR POP DISPLAYS APPAREL, WINE, GIFT ELECTRONICS & MORE**



**MEASURE
ANALYZE
CORRECT**

- FLUTE PROFILES
- CREASE PROFILES
- WASHBOARD EFFECT

