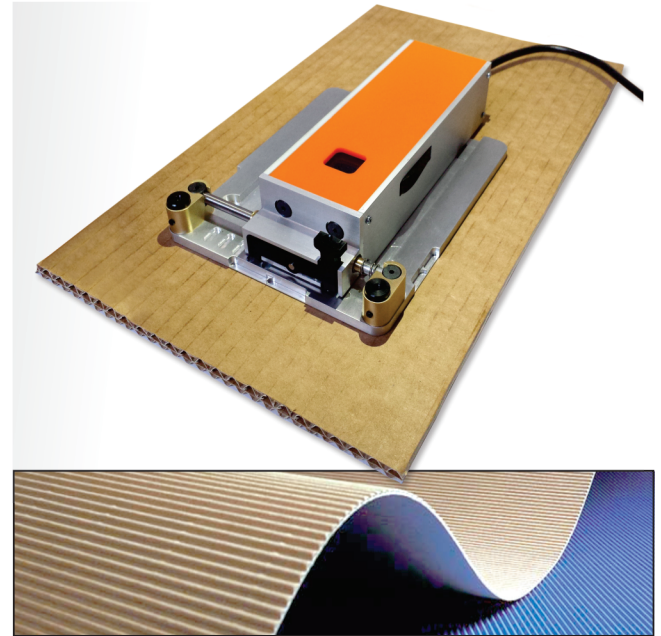


BETACORR Corrugated Analyzer

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



MEASURE • ANALYZE • CORRECT

- ✓ **WASHBOARD EFFECT**
- ✓ **FLUTE PROFILES**
- ✓ **CREASE PROFILES**

BETACORR Optical, High Precision, Measurement With a Physical Measurement Resolution of 0.001 mm / .000039 inches

BETACORR Captures 5 Pictures in a Line to Measure an Area of 4 cm / 1.57 inches

WASHBOARDING occurs when the glue shrinks in between the liner and the fluting of the board during drying

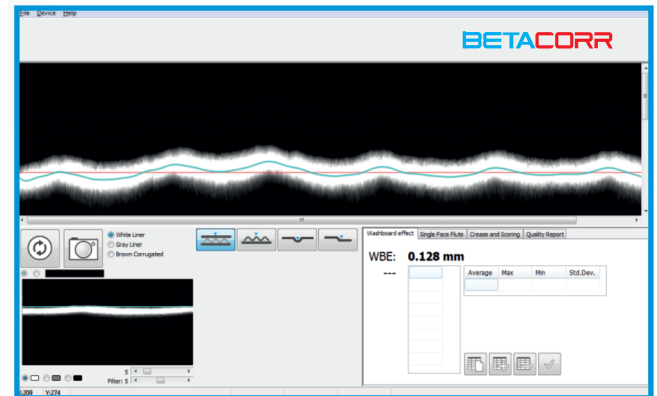


MEASURE & CORRECT WASHBOARDING

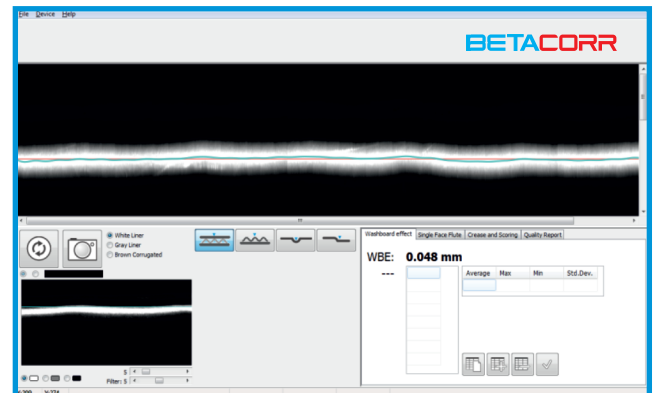
TO IMPROVE THE PERFORMANCE OF BOXES UNDER LOAD AND FOR WASHBOARD REDUCTION

Washboard Depth is linearly related to the amount of glue applied. **Washboard Effect** is highly dependent on relative humidity and decreases linearly with increases in relative humidity

B-flute | 130g/m²



B-flute | 185g/m²



BETACORR Corrugated Analyzer

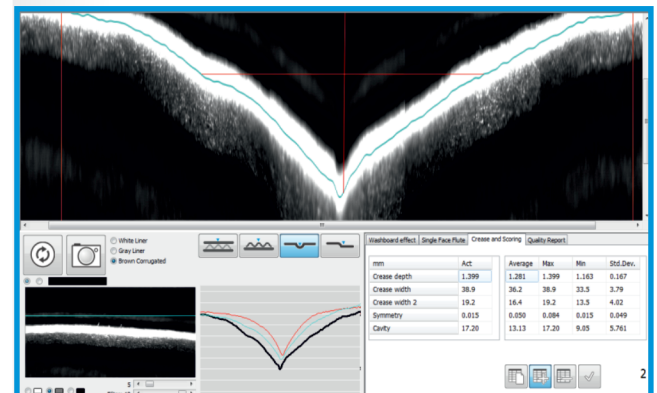
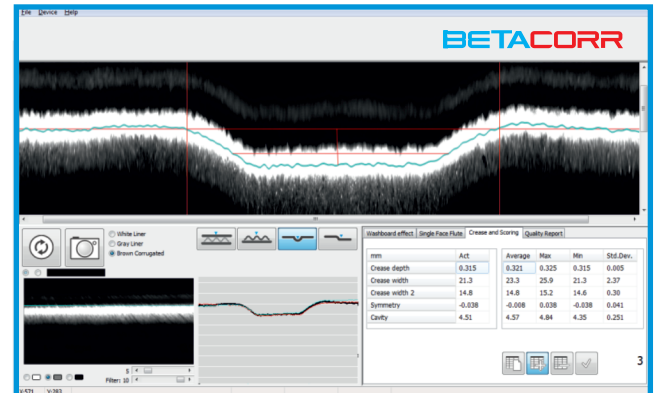
Better Packaging Through Control of Variations in Fluting, Washboard Effect & Crease Profiles

THE BETACORR CORRUGATED ANALYZER holds the material flat and the device in the correct position.

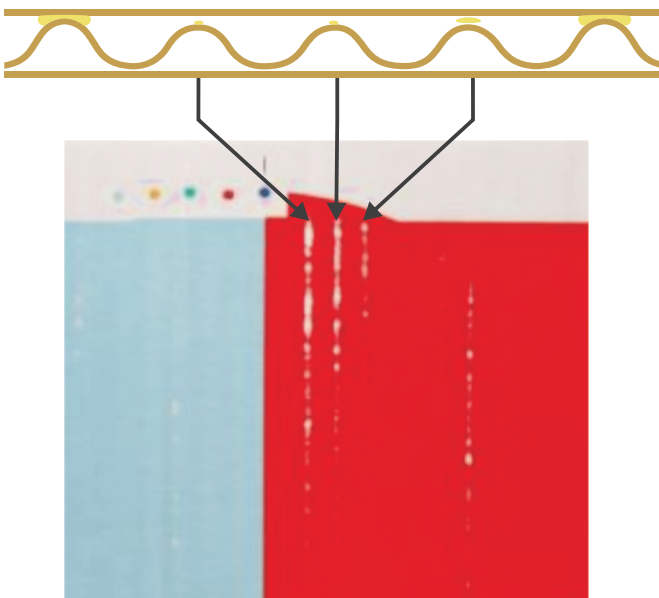
MEASURING THE FLUTE PROFILE on single faced material to check mechanical wear of the corrugating rolls, comparing OS, DS, middle and correct formation of the flutes **DOES NOT REQUIRE A CARBON PRINT**. The answer is seen instantly when you measure the end result.



Measure Creasing and Scoring on Corrugated Board to Predict Folding and Box Stability



Poor flute uniformity is a common cause of Washboard Effect in flexo post print



Creasing and scoring lines are stressed 180° when folded for transportation



BetaCorr Software Included

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The Quality Control Company

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Densitometers-Spectros, Flexo Analyzers, CTP Calibration, Color Viewing, Magnifiers, Testing Equipment