

CORRCHECK Corrugated Analyzer

Mechanical characteristics of corrugated, flute dimensions and liner types are key parameters for good looking packaging products.



Measure:

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

Measure the Mechanical **WASHBOARD** Effect to improve the performance of boxes under load and to reduce the stripyness in printing.



Washboarding is formed by shrinkage of the glue in between liner and the fluting of corrugated board during drying.

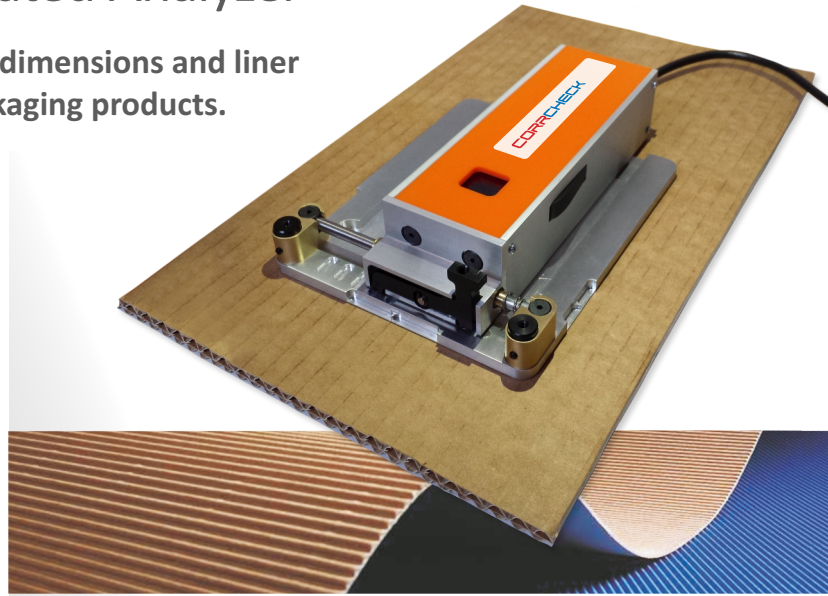
Washboarding depth is linearly related to the amount of glue applied.

Washboarding is highly dependent on the relative humidity of the environment and decreases linearly with increase of relative humidity.

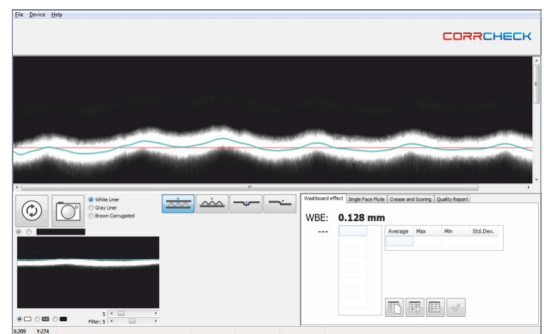
CORRCHECK is an optical, high precision measurement device with a physical measurement resolution of 0.001mm

CORRCHECK captures 5 pictures in a line to measure an area of 4cm width.

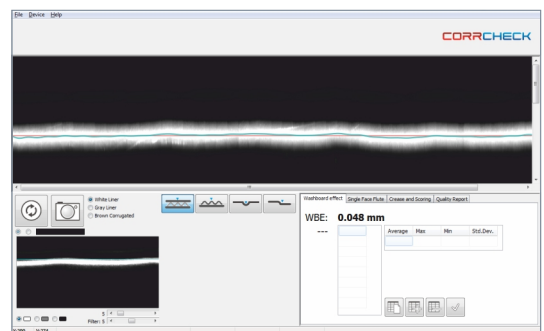
The CORRCHECK ruler supports the operator in holding the material flat and the device in correct position.



B-flute | 130g/m²



B-flute | 185g/m²

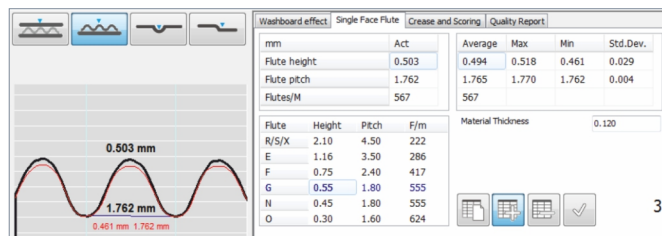


Software CORRCHECK included

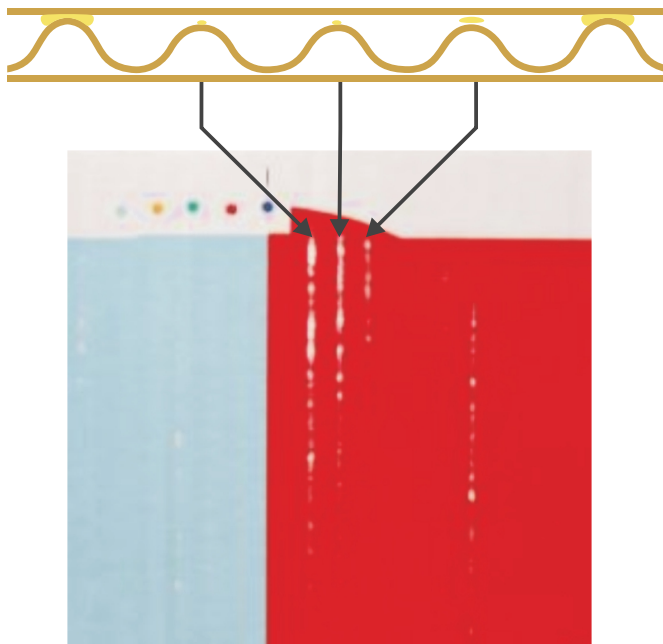
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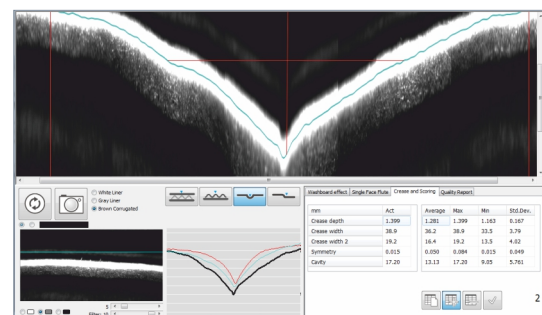
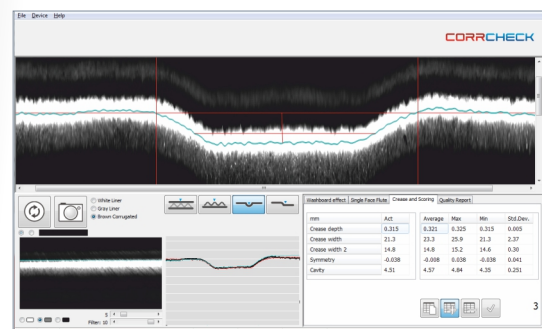
Measure the **FLUTE PROFILE** on single faced material to check the mechanical wear of the corrugating rolls, comparing OS, DS and middle and the correct formation of the flutes. It does not require a carbon print, the answer is instant as you measure the end result.



Incorrect flute profiles are one of the key parameters for **STRIPPYNESS** in flexo post print.



Measure the **CREASING** and **SCORING** on corrugated board to predict the performance in folding and box stability.



Creasing and scoring lines are stressed due to folding by 180° for transportation purpose.

