

## Technology Coaching BV

Your partner to improve and innovate by understanding your:

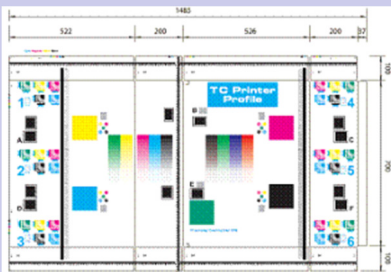
- Customers;
- Products;
- Processes;
- Suppliers.

### Products:

- IFT Analyzer (Screen Roll Inspection);
- Press Assess.

### Services:

- Printing press assessment;
- Training/Coaching;
- Brand colour consistency;
- Supplier evaluation;
- Material rationalisation;
- Product development and innovation;
- Printing including: digital or on-demand printing, flexo, screen printing, gravure and offset;
- Ink utilisation evaluation;
- Cleaning procedures (screen rolls and printing tools);
- Intellectual property.



Print assessment test form



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Technology  
Coaching

## BoxAssess - A better way to evaluate regular slotted cases



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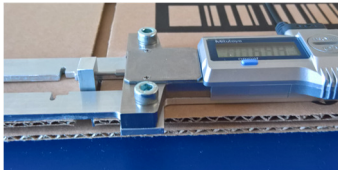
## Box Assess V1

Box Assess is a software tool for evaluating your folded boxes and folding equipment (flexo folder gluer) in terms of :

1. Gap variation
2. Panel Alignment variation
3. Under- and over Folding variation
4. Slot position variation

The data collection is done using a digital dial gap jig. For the slot position a USB 3.0 digital camera used which is optional available and part of Press Assess V5.

The data collection input wizard is extremely easy to operate.



Gap jig

The data collected can be corrected for operator influence.

The results are presented in easy to understand

graphs and summary statistics.

Box Assess is available in 4 languages (English, German, French, Dutch). On request more languages can be added

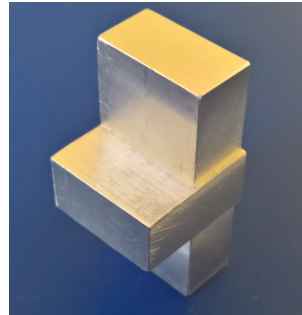
The data collected can be exchanged via e-mail attachments. It is thus possible to share your data with your customer/supplier and discuss the performance of your folding equipment..

The measuring equipment and print test form for measuring slot position is optional available. For slot position measurement the Press Assess V5 USB 3.0 camera is needed.

Box Assess runs under Windows 7 and higher.

## The measuring principle

For the testing a special designed print test form is used to measure the slot position. It contains reference marks on all slot positions against which the cross production direction slot position is measured, (See back of brochure). The test can be done for a machine having any number of print stations. The digital camera will measure the slot position. A manual with the box asses test procedure explains how the

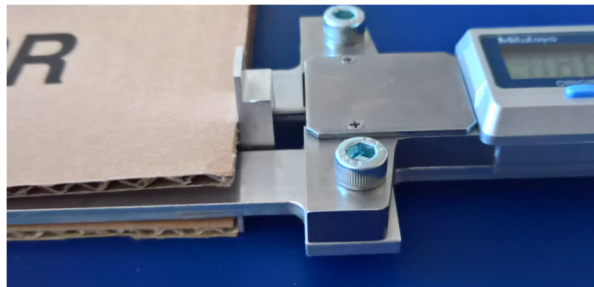


Calibration block

test and data collection is done. It is also possible to only measure the gap panel alignment and over- under-folding variation using the gap jig. The gap jig comes with a calibration block so that the device also can be used without the software for measuring gap.

## Why use Box Assess?

When purchasing new printing equipment or looking at the status of existing printing equipment it is important to understand its capability quantitatively. The Box Assessment software and test procedure will provide this information. It is thus possible to compare equipment in terms of gap, panel alignment, folding and slot variation. The test can also be used during commissioning of folding equipment to see if the equipment meets its specifications. If existing equipment is upgrade or maintained then the test can provide valuable

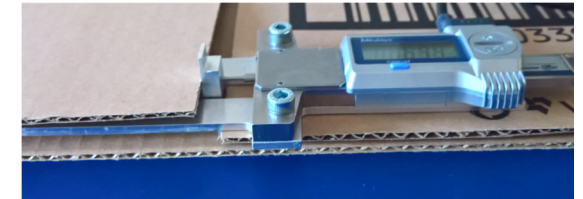
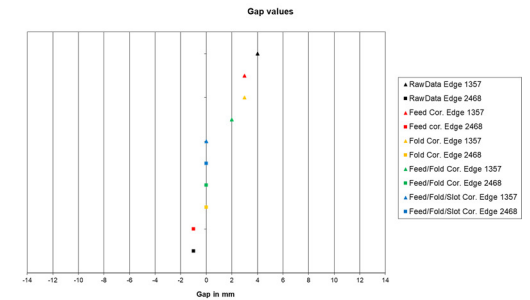


Under-over folding measuring

information about the effect the upgrade and/or maintenance had on the improvement of the printing equipment in terms of gap, panel alignment, folding and slot variation..

The combination of the digital camera and the register element allow a measuring accuracy for slot position of  $\pm 0.02$  mm (or less).

The program calculates the impact of the slot position and under- and over folding error on gap variation and panel alignment variation.



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