



INSIDE/OUTSIDE CRACKING RESISTANT ANALYZER

Revolutionizing Quality Control for Paper
and Corrugated Materials

The PRECISEPRO "Inside/Outside Cracking Resistant Analyzer" is an all-in-one solution that assesses both inside and outside cracking tendencies of materials. Its cutting-edge design allows for seamless integration into production environments or laboratory settings. It includes a creasing unit that simulates the real creasing process performed by converting machines. After creasing, the sample is analyzed for cracking resistance using a powerful image analysis software. This system provides critical data for predicting the material's ability to resist cracking, enabling precise quality control in paper and corrugated products.





Advantages

- Can be used in various flute types
- Can simulating scoring line on testing sample
- Can detect both inside and outside cracking in one unit
- Can provide high accuracy, repeatability and reliability
- Can auto-generated test report in PDF format, in CSV format and can be opened in MS Excel



Key components

Hardware

- Inside creasing simulation unit, Inside cracking test stand
- Outside creasing simulation unit, Outside cracking test stand
- Illuminated imaging chamber, High-definition imaging system

Software

- PRECISEPRO Inside/Outside Cracking Resistant Analyzer V1.12
- Operating system: Windows 10 or higher, 64 bit



Accessories

- Inside cracking test stand
- Outside cracking test stand
- PRECISEPRO calibration plate



Warranty and calibration

- 1 year warranty
- In-house developed calibration process using the PRECISEPRO calibration plate



Applications

- Corrugated board
- Paper/Paperboard
- Hand sheet



Best suited for

- Corrugated box manufacturers
- Paper and paperboard producers
- Packaging engineers
- Quality control specialists
- R&D Departments in the paper Industry
- Printing and graphic design companies



Dimensions

Inside creasing simulation unit

- W : 350 mm
- L : 200 mm
- H : 145 mm
- Weight : 4,315 g

Outside creasing simulation unit

- W : 120 mm
- L : 143 mm
- H : 160 mm
- Weight : 1,045 g