

Best Practice

Inline Measurement at Corrugators

In order to achieve the highest quality corrugated board, balancing the moisture content of the liner papers is crucial. TEWS' sensors are able to accurately "see" moisture variations and to provide precise, reliable and density-independent moisture feedback. Moreover, the measurements are not limited to the surface layer of the paper(s) but provide the moisture of the entire thickness of the paper(s).

We have installed moisture measurement systems on new and existing corrugators and in combination with actors that provide corrugated board with greatly enhanced dimensional stability.

Paper or corrugated board sheet counter

More precise than a weight scale in terms of measuring the moisture corrected dry paper weight and more robust and thus reliable than any optical method: Use microwave technology to count the number of paper or cardboard sheets at the end of a production line.

Readings are independent of the product moisture. No additional weight scale or any other instrument to determine the mass of the goods is needed. If the dimension of the product to be measured is known, the density can be measured as well.

Areas of Application

Paper

Corrugated Board

Sheet Feeder

Digital Print

Coating

Bale & Reel & Stack

Cardboard

Tissue

Grammage

Converting

Inliner

Cellulose

Advantages of Microwave



Moisture and density



Measurement of core and surface moisture



Simple and longterm stable calibration



Maintenance free



CO₂ neutral



Short ROI



Industry 4.0 ready



Online-Cloud-Based support



Worldwide Service

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TEWS
MEASURABLY BETTER



**Paper Industry
As a Partner.**

HIGH PERFORMANCE SOLUTIONS



Your production process combined with our patented solutions. The result: the most accurate data about the moisture & density of your products.