



Industrial Moisture and Density Measurement

HIGH PERFORMANCE SOLUTIONS



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

About TEWS

TEWS was founded in Hamburg, Germany back in 1970. Today, the company is owned and managed by André Tews in the 2nd generation of leadership. As the market leader in high-performance moisture and density measurement solutions, TEWS has been at the center of today's business for over 50 years.

TEWS helps you streamline your processes, giving you the ability to collect and use data by applying a unique patented microwave technique across your production business.

When you run TEWS high-performance solutions, you run measurably better. Let's look at your production structure together. And in a new, agile way we exchange, attach, discuss, omit, or add knowledge. From this, we develop new opportunities together. Bringing them into life brings your business forward at the same time. We call this Co-Improving.



TEWS Measures Moisture and Density Independently

Traditional 1-parameter measurement

0,12%
unknown layers



0,24%
unknown layers



0,36%
unknown layers



3 different layers of the same material with a typical 1 Parameter Method: Each layer increases the moisture → misleading results

TEWS 2-parameter measurement

0,8%
1 layers



0,8%
2 layers



0,8%
3 layers

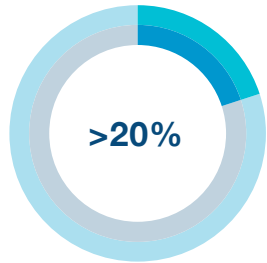


3 layers of the same material show the same moisture, the density is recognized and moisture results compensated → correct results



Facts and Figures

Energy



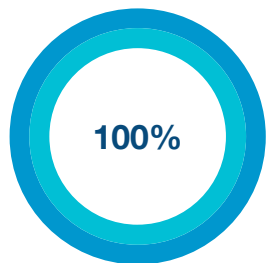
savings – due to improved dryer control

Time





faster – in the lab due to readings within milliseconds

Quality



control – of finished products like pet food pellets

Advantages of Microwave

-  Moisture and density measurement
-  Measurement of core and surface moisture
-  Simple and longterm stable calibration
-  Independent of dust or dirt
-  Helps to reduce CO2 footprint
-  Short ROI
-  ATEX protection possible
-  Industry 4.0 ready
-  Online-Cloud-Based support
-  Worldwide Service

Areas of Application

- Raw Material
- Powders
- Gelatin Capsules
- Tablets
- Oil Filled Capsules
- Micro Dosing

Our Industries



Chemistry



Feed



Food



OEM Solutions



Pharma



Tobacco



Paper

and many more...

Contact:

TEWS Elektronik GmbH & Co. KG
Sperberhorst 10 22459
Hamburg / Germany
info@tewsworks.com