

# TEWS

MEASURABLY BETTER

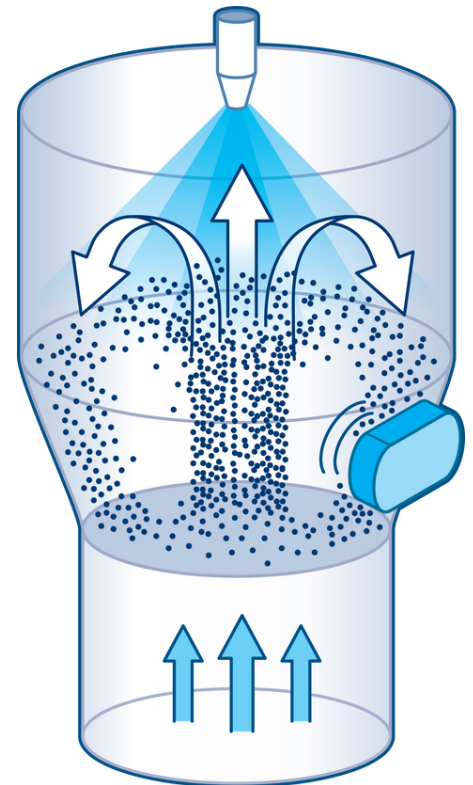
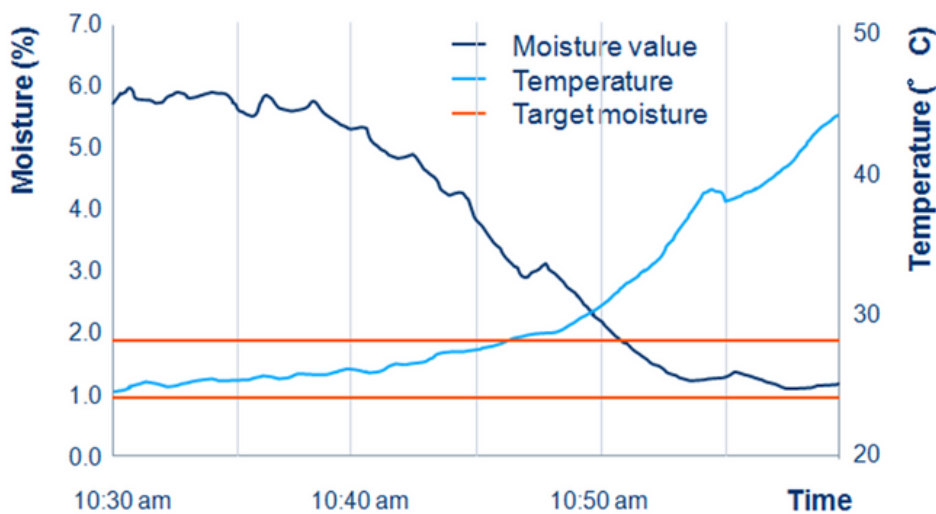


## PAT FOR AUTOMATED GRANULATION AND DRYING

INCREASE YOUR PRODUCTIVITY WITH AUTOMATED END-POINT DETERMINATION AND PARTICLE SIZE AND BULK DENSITY MEASUREMENTS IN FLUID BED DRYER

TEWS technology enables fully automatized measurements of moisture and particle size to control the whole process, without multiple interruptions and several laboratory tests. Also applicable for new conti-processes. TEWS has developed and designed this technology in cooperation with its OEM partners from the pharmaceutical industry, to help them meet the industry requirements.

### Moisture range

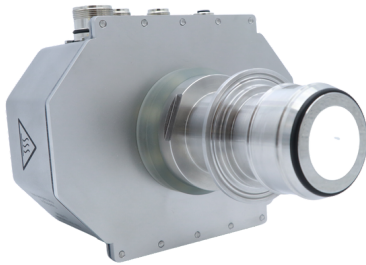


# Benefits

- Reduction of wasted batches.
- 100 % inline control for time savings
- Automated determination of the end of the drying process
- Increased annual productivity
- ATEX for dust and gas available
- IQ/OQ documentation
- Operating software is in-line with CFR 21 Part 11 requirements



## Our sensor for your production processes



- Product temperature 0 - 70 °C
- Long-term stable
- Protection class IP 65 and ATEX
- Weight approx. 3.4 kg
- Repeatability +/- 0,2% moisture absolute
- Up to 8% energy savings

## Microwave resonance main advantages



### Moisture & Density

Independent measurement of moisture and bulk density and particle size in one step.



### High Accuracy

Penetration of particle / granule core, independent of color, surface, size, shape



### Easy Operation

Free of wear and tear, low maintenance.  
Easy integration in the process.



### High Speed

Direct measurements inside the fluid bed dryer,  
Real-time control of the batches

## Return on investment\*



### 1 year

\*according to our experience and estimation of costs with our partners.



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Let's get in touch!  Click here to schedule a meeting with me