



## Case Study

# Fast, reliable, robust – How the GASANALYSER Impresses

In the day-to-day laboratory work at Heckwerth, a German sheet coating company, reliable formaldehyde measurements determine how quickly samples, supplier materials and product developments can progress. It was therefore important to standardise measurements, minimise user influence and deliver rapid, valid results. GreCon's GASANALYSER MC offers the necessary reliability and flexibility in this regard.

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We were really impressed by the demonstration of the GASANALYSER and we've found exactly what we were looking for!

Christian Eichenberg,  
Sales Director and Authorised  
Signatory at Heckwerth

**HECKWERTH®**

# Formaldehyde measurement in 15 minutes instead of 4 hours

Heckewerth is a German panel coater and partner to the furniture, door and caravan industries. Materials, samples and supplier quality are regularly tested in the laboratory – usually involving double-digit numbers of samples per week. Reliable formaldehyde measurements determine how quickly assessments can be completed and developments taken forward.



Until now, formaldehyde measurement has been carried out using wet chemistry, a process taking 4 to 6 hours and involving a complex procedure. Follow-up measurements to quickly verify any anomalies were often not possible.

The GreCon GASANALYSER MC, as a new measurement technology, is designed to pave the way from time-consuming wet chemistry to standardised measurements with results in just 15 minutes. Instead of chemical reagents, the GASANALYSER MC uses laser spectroscopy in a microchamber. The process is simple: insert the sample, close the chamber, start – done!

This makes formaldehyde measurement more predictable and less prone to error. What was once a complex procedure has become a process that can be more easily scaled up and reproduced in day-to-day laboratory work.

## Why the GASANALYSER MC is the solution for Heckewerth:

- ✓ Results in around 15 minutes
- ✓ No compromise on reproducibility
- ✓ Standardised 3-step procedure

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