

PRESS RELEASE

Formaldehyde Measurement

GreCon GASANALYSER IL: Inline Measurement for Real-Time Emission Monitoring

Alfeld, 14 February 2025

Manufacturers in the wood-based panels industry must comply with strict formaldehyde emission limits. Until now, reliable emission measurement has only been possible in laboratories. At LIGNA 2025, Fagus-GreCon introduces the GASANALYSER IL (Inline) – a groundbreaking solution that measures formaldehyde emissions directly within the production process for the first time. Manufacturers receive continuous real-time data, detect emission peaks immediately, and can intervene before defective batches are produced.

Immediate Response to Production Variations

The GASANALYSER IL measures formaldehyde emissions directly within production, allowing for an instant assessment without the need for constant material sampling and external analysis. Real-time visibility of fluctuations provides a crucial advantage for manufacturers seeking process stability and compliance with emission limits. The GASANALYSER IL delivers reliable measurement data for evaluating regulatory conformity and ensuring sustainable production security.

"With the GASANALYSER IL, we are enabling manufacturers to detect deviations immediately and take corrective action in real time for the first time," explains Dr Manuel Fleisch, Product Manager for the GASANALYSER range at Fagus-GreCon. "Inline measurement is the ideal tool for continuous process control, complementing traditional laboratory methods with ongoing trend analysis."

Key Benefits at a Glance:

- **Continuous monitoring** – Process-wide data instead of isolated lab samples.
- **Cost efficiency** – Reduced material waste, increased efficiency, and optimised resource use.
- **Quality assurance** – Immediate response to deviations, preventing defective batches.

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A New Standard in Production Control

By integrating directly into the production line, manufacturers gain timely insights into product compliance and emission trends. Test installations, including the exhausting of the diagonal saw, have already demonstrated the potential of this technology - providing a comprehensive emission profile instead of isolated measurements.

Experience the GASANALYSER IL Live!

Visit us at LIGNA 2025 in Hannover from 26 to 30 May 2025 and discover how the GASANALYSER IL is transforming formaldehyde emission monitoring. Find us in Hall 26, Stand C42.

About Fagus-GreCon Greten GmbH & Co. KG

Fagus-GreCon is the **global leader** in **preventive fire protection solutions** as well as **high-precision measurement and inspection systems** for industrial applications. The company's solutions enhance **safety, quality, and efficiency** in industries such as wood-based panels, furniture manufacturing, and recycling. For over **50 years**, GreCon has set industry standards in **industrial fire protection**, safeguarding production facilities with **innovative spark detection and extinguishing systems**. In measurement technology, GreCon enables **precise process and quality control** through state-of-the-art technology. Headquartered at the **UNESCO World Heritage Site Fagus Factory** in Alfeld, the company employs over **700 people worldwide**.

Fagus-GreCon – Pioneering Spirit that Sets Standards!

Find out more at: www.fagus-grecon.com