



# Gas Analysis Test Devices for Formaldehyde Determination EmissionEvent FAPE



Image contains optional equipment



# Only with us can you discover the invisible.

Determine the emission of formaldehyde in a reproducible manner. We'll support you in that.



## Good for you. Good for your health.

Many wood-based materials, building supplies and furniture contain resin glue with formaldehyde. In certain environmental conditions, it enters the environment and could endanger health. With the **weisstechnik** EmissionEvent FAPE Gas Analysis Test Device, you can detect the subsequent emission of formaldehyde. In this way, you can analytically determine the emission concentration in reproducible test conditions.

Thanks to the innovative construction and very high-quality processing, all test devices benefit from excellent tempera-

ture consistency and distribution. It guarantees that measurement results are always correct.

### Reliable measurement results are ensured by:

- Even and constant temperature control for the test chamber
- Continually circulating pre-heated air in the test chamber
- Monitoring the air-tightness of the test chamber using a pressure sensor
- Volume flow control of the supply air

# Perfection in performance, equipment and design.

Gas Analysis Test Devices for Formaldehyde Determination EmissionEvent FAPE.

## Completely thought through.

We know what matters for your tests: reliable, precise and reproducible results. That's why we design our test chambers to meet exactly these demands. Because incorrect results lead to incorrect conclusions. With this in mind, we already eliminate any interference factors during the design phase, relying on our comprehensive expertise and years of experience.



## Perfectly manufactured.

For us, quality is our daily business. We use only high-quality materials and manufacture many of the components for our test chambers in-house. In addition, we also have regular quality checks in place throughout the entire production process.



## Absolutely low maintenance.

Set up, plug in, start the test. The intelligent, compatible control elements and intuitive user interface guarantee easy operation. Easily accessible maintenance elements ensure minimal service times. Diagnostics and inspection systems in every machine additionally shorten downtimes and optimise maintenance periods.

### Our highlights:

- Important results at a glance - with just one touch: temperature, pressure, volume flow and remaining test time
- Accelerated test processes - the direct compressed air supply makes it possible
- Confirmation of the test results in just one test cycle by using the double test chamber

# More equipment, right from the start.

## Basic equipment setting standards.

### Exterior



- **Very comfortable**  
EmissionEvent FAPE is designed to be placed on a laboratory bench so that it can be comfortably operated without having to bend. Furthermore, thanks to the low and compact design an additional area above it can be used, e.g. for a wall cabinet with test accessories.

### Interior



- **Comparisons made easy**  
Defined temperature and volume flow control enable the test results to be reproduced accurately.
- **Safe, without any ifs or buts**  
The test sequence runs according to DIN EN ISO 12460-3 and is recognised by CARB.
- **Simultaneously is simply faster**  
In just one test cycle two samples can be tested at the same time.  
The measurement results can therefore be confirmed in half the time.
- **Accelerated by direct supply**  
The test process is significantly shorter thanks to the direct supply of compressed air. As a result, there is no need to change the washing water or the drying agent.

### Regulation & Control



- **Everything under control**  
Greater convenience and better usability with **SIMPAC®**.  
The Gas Analysis Test Devices are equipped with **SIMPAC®**, the digital measuring and control system for operating and monitoring.



You can find further details on equipment in our technical descriptions. **Contact us.**

**i** Our innovative Test Chambers are available as **weisstechnik** or **vötschtechnik**.



# Convincing technology. Reliable results.

The performance data at a glance.

Designation	EmissionEvent FAPE		
External dimensions (HxBxT)		mm	700x600x680
Test chamber dimensions (2x)	Cylinder Ø Depth approx.	mm	100 500
Test chamber temperature	Fixed value	°C	+60
Temperature constancy		K	±0.5
Air volume in test chamber		l/h	60
Air volume constancy		l/h	±3
Magnetic valves, automatically switchable		litem	2x 5
Weight		kg	96
Installed load		kVA	1
Supply voltage	230 V; 1 Ph + N + PE; 50 Hz		

The performance data refer to +25 °C ambient temperature and an altitude of ≤ 1000 m over mid sea level.  
We reserve the right to make any technical alterations.

On request optional: • Gas wash bottle pair • Spectrophotometer

## Are other emission tests required?

Our Test Chambers EmissionEvent make analysis easy, safe and reliable. You can simulate different environmental conditions, which are realistic and conform to standards, for the verification and determination of the formaldehyde and VOCs (Volatile Organic Compounds) concentrations.

Our solutions for you:

- Emission Test Chamber EmissionEvent E-WKI 1000
  - Formaldehyde tests as per DIN EN 717-1 and ASTM D 6007
  - VOC tests as per DIN EN ISO 16000-9
  - Test chamber volume of 1000 l

Developed in cooperation with the Wilhelm-Klauditz-Institut of the Fraunhofer Gesellschaft in Braunschweig.

- Emission Test Chamber EmissionEvent VOC
  - VOC tests as per VDA 276-1, DIN EN ISO 16000-9, ISO 10580
  - Formaldehyde tests as per DIN EN 717-1 and ASTM D 6007
  - Test chamber volumes of 240 l and 1000 l

# Become more efficient.

Our solutions will save you time and money.

Get the most out of your test facility.



Create your own perfect testing process with the software package SIMPATI®.

Process management/documentation/networking

- Up to 99 systems can be connected
- Programs for automated processes
- Documentation, visualisation and management of process data
- Traceability of process data for seamless quality control



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- Certified proper disposal of outdated devices

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# Passionately innovative.

**We work in partnership to support companies in research, development, production and quality assurance. With 22 companies in 15 countries at 40 locations.**

**weisstechnik**

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The first choice for engineers and researchers for innovative, safe environmental simulation facilities. In fast motion, our test systems can simulate all the influences in the world as well as for instance in space. In temperature, climate, corrosion, dust or combined stress tests. With a very high degree of reproducibility and precision.



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Experienced engineers and designers develop, plan and produce high-quality, reliable heat technology systems for a broad range of applications from heating and drying cabinets to microwave systems and industrial furnaces.



## Climate Technology, Air Dehumidification, Clean Rooms

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## Clean Air and Containment Systems

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### **Weiss Umwelttechnik GmbH**

Greizer Straße 41-49  
35447 Reiskirchen/Germany  
T +49 6408 84-0  
info@weiss-technik.com

### **Vötsch Industrietechnik GmbH**

Environmental Simulation  
Beethovenstraße 34  
72336 Balingen/Germany  
T +49 7433 303-0  
info.voetsch@weiss-technik.com

www.weiss-technik.com



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