



## AtmoCheck® INLINE

Easy-to-integrate, compact inline gas analyser for permanent control of gas mixtures and individual gases

The **AtmoCheck® INLINE** is an analysis device for the optimal quality control of gas mixtures in food packaging technology, welding technology and all industries where gas mixtures are used. Field-proven sensor technology for long-term stable measurement of technical and combustible gases.

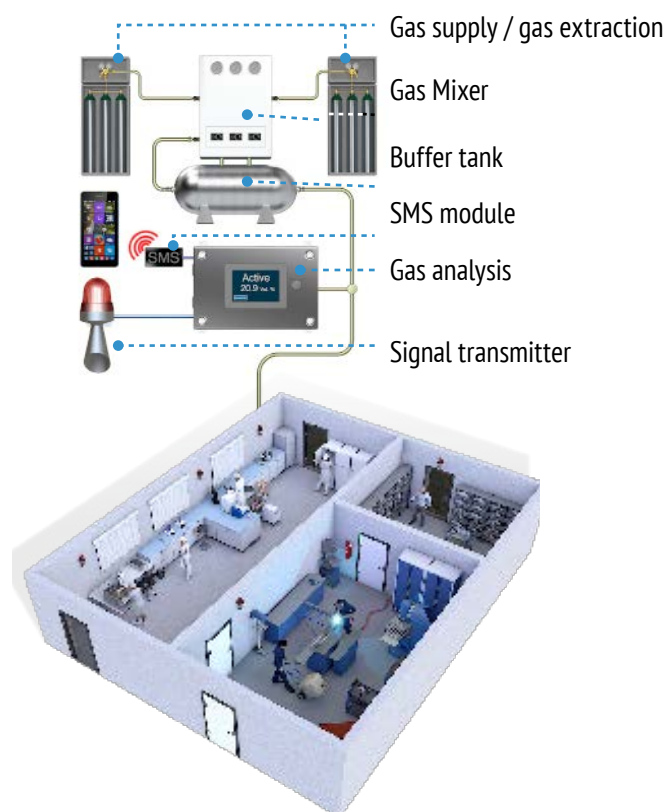
**AtmoCheck® INLINE** can be used as a single gas analyser, for 2 gases or as a redundant gas analyser. Simple operation via the touch display and self-explanatory menu guidance guarantee safe operation. Everywhere where measurement results normally have to be documented in writing, the **AtmoCheck® INLINE** can be used easily and flexibly. Thanks to the robust stainless steel housing in IP65 design, it can be used in dusty or wet production areas without any problems.

The analysis unit can be integrated into any existing gas mixing system. As a stand-alone version, **AtmoCheck® INLINE** is available in a wall-mounted or surface-mounted housing.

### All highlights at a glance

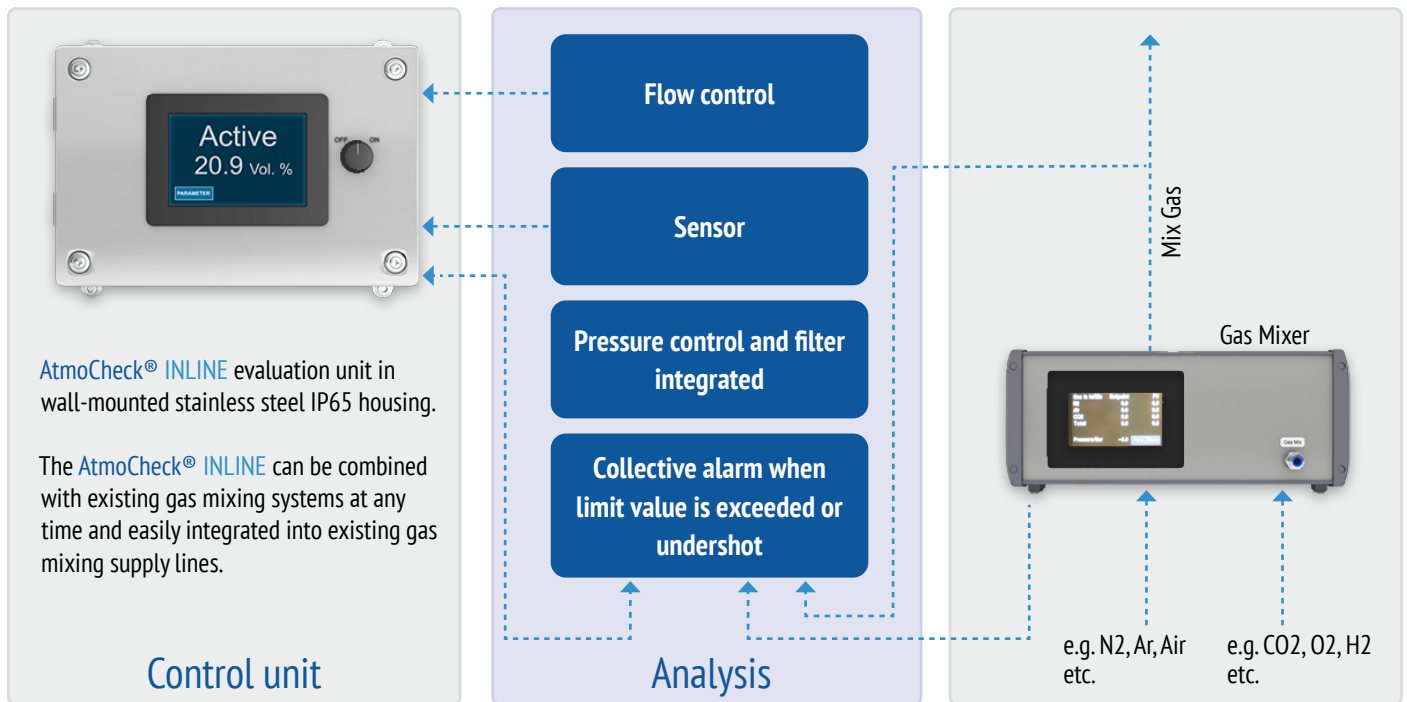
- ⇒ Fast, accurate analysis technique
- ⇒ Low calibration effort
- ⇒ Minimal sample gas requirement
- ⇒ Easy operation via touch screen control
- ⇒ Self-explanatory menu navigation
- ⇒ Increased process reliability
- ⇒ 4-20 mA signal output
- ⇒ In addition, an analogue output signal (4-20 mA or 0-10 Volt) is available linear to the measuring signal
- ⇒ RS485 interface and SMS modem (optional)
- ⇒ Direct installation in the bypass from the pressurised gas line possible
- ⇒ No additional filters or pressure regulating lines required
- ⇒ Robust stainless steel housing
- ⇒ If the freely adjustable limit values (min./max.) are exceeded, a floating a potential-free change-over contact is switched, and a 24-volt signal is provided as a collective alarm.

- ⇒ Version for single gases as single measurement or redundant Version
- ⇒ Version for measurement of up to 2 gas types possible
- ⇒ A wide range of measuring cells for technical, toxic and combustible flammable gases are available



## Application Areas

- Welding & Cutting
- Food technology
- Glass industry
- Thermal process technology
- Biogas
- Laser technology
- Customised solutions



## Technical Data

Type	AtmoCheck® <b>INLINE</b>
Medium	Technical gases - gas type and measuring range on request
Medium	simple 2-point calibration
Temperature	Environment: -5°C...+40°C Medium: -10°C...+40°C
Gas inlet	6 mm compression fitting
Gas outlet	6 mm compression fitting
Inlet pressure	max. 16 bar g
Alarm contacts	potential-free change-over contact 24 volt switching contact
Interface	Analog 0-10 volt or 4-20 mA
Housing Dimension	Depending on mounting/installation
Weight	ca. 1,5 kg
Power supply	110-230 V AC
Standards	CE marked