

The stationary and mobile GASYCO analysis devices are equipped with high-precision sensors that provide reliable and accurate measurement results even under the most demanding conditions. They analyse in particular, gas mixture compositions as well as residual moisture and residual oxygen. Thanks to the integrated calibration function and automatically generated certificates, the accuracy of each sensor is traceable at all times and referenced to a defined calibration gas.

The stationary systems are installed in compact cabinet solutions, making them ideal as on-site measuring devices for long-term and continuous quality assurance. The mobile version also includes a pump, allowing samples to be taken from systems without pressure. Additionally, the built-in flow regulator enables in-line measurements directly within the process.

For maximum safety, receivers for SMS and email alerts can be easily configured. The Gas Analyser immediately reports when the measured gas concentration is outside the defined tolerance range. Moreover, a remote connection can be established via any standard web browser - providing full functionality even from a distance.

The integrated data logger continuously records all measured values. These can be transferred via USB or LAN to a Computer, or viewed directly through the cloud solution. The user-friendly dashboard offers a clear visualization of data, extensive export and post-processing options, as well as access to all certificates and measurement reports over any time period.

ANALYSIS

CO ₂ O ₂	ppm und %
H ₂ He	0 – 100 %
H ₂ O - absolute residual moisture	0,1 ppm – 0,6 % (-80 – 0 °C dew point)
NO	ppm

SPECIFICATIONS

Gas consumption	0,5 l/min
Gas temperature	0 – 50 °C
Inlet pressure	0,3 – 10 bar g
Accuracy	Depends on calibration gas used
Operating modes	In-Line Bypass
Versions	Stationary Mobile

SYSTEM

Dimensions	500 x 350 x 365 mm
Weight	18 kg (may vary depending on configuration)
Protection class	IP40
Ambient temperature	0 – 40 °C
Humidity	0 – 95 %rH, non-condensing
Gas connections	Compression fittings Quick couplings 6 mm
Power supply	100 – 240 VAC, 50 – 60 Hz, 1 A
Communication	LTE-Modem, USB, LAN

APPLICATIONS

Welding	Biotech	R&D
Microelectronics	Medical technology	Art
Food gases	Life science	Inertization of industrial processes

**FEATURES**

- AUTOMATIC CALIBRATION
including certificate generation
- REMOTE ACCESS
control | operation
- ALARMING
SMS and email alerts | Relay contacts
- INDUSTRIAL CONTROL
7 " Touchscreen
- CLOUD CONNECTIVITY
ongoing reports | Data visualization

