

GAS ANALYZER WITH AWS3

for O₂, CO₂ or O₂/CO₂



**Analyzing System for the monitoring of gas concentrations at a variety of industrial applications. Can also be integrated into gas mixer.
For permanent analysis from pressurized pipelines.**

**The analysis reduced to the essentials for a lean workflow.
Available as a single or double analyzer for oxygen and carbon dioxide.**

Benefits

- simple to operate via Touch-Screen
- reliable steady measuring results and high accuracy through pressure compensation
- simple calibration of sensor (manual)
- permanent monitoring of set limit values
- alarm signals are given if the set limits are exceeded and a potential free contact operates to e.g. auto-stop your machine to avoid quality problems
- easy to clean stainless steel housing for maximum hygiene, splash-proof
- integration into networks by Ethernet connection

Options

- data logging
- signals via OPCUA and Modbus TCP
- messaging via e-mail on alarm
- integrated analysis for gas mixer:
KM100-2ME, MG50-2ME, MG100-2ME and MG200-2ME

Measuring systems

Gases	Measuring system	Measuring range	Repeatability	Service life
O ₂ for continuous analysis	chemical measuring cell	0-100%	± 0.2%	approx. 3 y. in air
CO ₂	infrared measuring cell	0-30% 0-100% please indicate	± 0.5%	long lifetime

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Type	AWS3
Gases	O ₂ , CO ₂ or O ₂ /CO ₂ not for flammable, corrosive or toxic gases!
Temperature (gas/environment)	+32°F to +104°F
Gas connections	
Permanent measuring	hose connection for für PK 6/4
Calibration (manual)	hose connection for für PK 6/4
Inlet pressure	
P-version	1.5 barg – 10 barg
Calibration via pressure	
Gas consumption	approx. 1 l/min the real gas consumption for calibration o is depending on installation.
Calibration time	optimal: 240 sec/calibration
Alarm contacts	2 potential free contacts for min. and max. settings (adjustable for each gas)
Interfaces	RJ45 Ethernet FTP-Server for software Update
Languages	multilingual
Housing	stainless steel, IP42
Weight	approx. 529 oz
Dimensions (HxWxD)	approx. 6.8 x 9.8 x 15.6 inches
Voltage	230 V AC 50 / 60 Hz 110 V AC 50 / 60 Hz
Power consumption	230 V AC / 0.12 A
Approvals	Company certified according to ISO 9001 and ISO 22000 CE-marked according to: - EMC 2014/30/EU - Low Voltage Directive 2014/35/EU