

Gas Analyzer

310 / 315 / 320

The gas analyzer has been developed and designed for the fast and easy online measurement of IR-active gases.

Application

The gas analyzer can be integrated into any control system and meets all legal-, technical-, safety- and control-related requirements.

The gas analyzer is available in multiple versions for various gases!

Made in Germany

For immissions and emissions measurement technology, we are your competent partner for every project in the gas analysis sector!

We develop and produce our product lines exclusively in Germany.

NEW!



Advantages

- directly measured value display
- measuring principle NDIR
- high long-term stabilities
- easy calibration complexity
- low costs for maintenance/service
- transportable

Practice

- Chemical
- Recycling
- Environmental
- Monitoring
- Verification
- Pharmaceutical

Contact

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Gas Analyser

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Technical data



model	Gas Analyzer 3xx
measuring points	1 (standard) up to 6 internally, multiple externally
measuring technology	IR: NDIR one beam principle, cuvette heated up to 85°C, alternativ EC and UV available
measuring range	1-4 substances (in matrix) measurable
error of measurement	depending of substance < 1-3% of measured value
detection limit	depending on substance
pressure sensitivity	compensated, standard 0,85 to 1,1 bar (pressure of process gas)
gas flow	about. 4 l/min.
gas processing	miscellaneous optionally available
filter	stainless steel sintered filter e. g. 70 µm
tube connectors	clamp-screw connectors (standard); alternatively Swagelok
internal tubings	PTFE and stainless steel; alternatively stainless steel exclusively and Swagelok
case	19" slide-in; 400 mm depth, 3 RU
climatic conditions	ambient temperature 5°C-45°C / rel. humidity ~90% dew free
supply voltage	~230V / 50 Hz, 5,7A / 1300 VA
display	840x640 Touch Panel, Windows CE 5.0 R3
operation interface	resistive touch
electric input	6 digital inputs 24V AC/DC; programmable separatly
electric output	1 digital output (relay) max. 48V / 500 mA, READY-state 4 digital outputs (relay) max. 48V / 500 mA, individually programmable 4 analogue outputs (gal. seperated) 4..20 mA, individually programmable
interfaces	standad RS 232 optional: RS 485 (Profibus DP), Ethernet (Modbus TCP / Ethernet IP)
operationel readiness	heat-up max. 20 min. (at 20°C)