

Gas Analyzer

210 / 220

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

Fresenius Umwelttechnik GmbH
www.fresenius-ut.com
Doncaster-Platz 5
D-45699 Herten

Telefon: +49 (0) 23 36 / 93 96 1-55
Telefax: +49 (0) 23 36 / 93 96 1-16

info@fresenius-ut.com

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Technical data



model	Gas Analyzer 2xx
measuring points	1 (standard), up to 8 internally, multiple externally
measuring technology	IR: NDIR one beam principle, cuvette heated up to 80°C; EC available
measuring range	1-4 substances (in matrix) measurable
error of measurement	depending on 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
tube connectors	clamp-screw connectors (standard); alternatively Swagelok
internal tubings	PTFE & stainless steel; alternatively stainless steel exclusively & 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, 1,43A / 330VA
display	128x64 touch panel
operation interface	resistive touch
electric input	4 digital inputs 24V AC/DC, programmable separately
electric output	1 digital outputs (relay) max. 48V / 500 mA, READY-state 4 digital outputs (relay) max. 48V / 500 mA, individually programmable 4 analogue outputs (galv. seperated) 4..20 mA, individually programmable
interfaces	standard RS 232 optional: RS 485 (Profibus DP), Ethernet (Modbus TCP / Ethernet IP)
operational readiness	heat-up max. 20 min. (at 20°C)