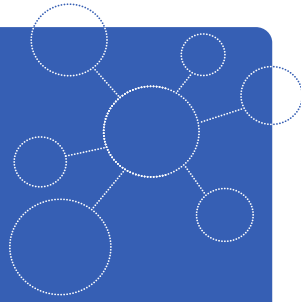


GERMAN TECHNOLOGY



ANAREX (-DS) 2.0

Multigas Analyzer

#2-N21-N22-E24-E40

CO₂ 10Vol.% / CO 10Vol.% / NH₃ 10ppm /
H₂S 10ppm

Product features:

- High stable measuring performance
- Easy operation via touch screen
- Simple sensor calibration
- Standard 19 inch 3HE rack
- Analog and digital output
- Low maintenance and high durability
- High selectivity and measuring accuracy
- Long-term stability and very low drift
- Low detection limit and T90 time



The **ANAREX** product family impresses with its stable high-precision measuring performance, intuitive operation and easy calibration. Designed as a 19-inch multi-gas analyzer, the **ANAREX** is available even with two gas streams as **ANAREX-DS** (double stream) as two in one solution. **ANAREX** gas analyzers are primarily based on the NDIR sensors of the **FLOW^{EVO}** and **SILAREX** series, however, they can be supplemented with several technologies like NDUV, TCD, TDLS, EC, PID, paramagnetic and photoacoustic as well as several other.

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General features

Release date: 31 Mar 2025

Multi Gas Analyzer

Gas Streams:	1	
Gas supply:	Flow Mode 1/8" NPTF	
Mounting dimensions:	Standard 19" 3 U	
User Interface:	Touch panel, 5.6" TFT	
Gas Inlet Flow	0.4 .. 0.8 L/min (Flow fluctuations ≤0.02 L/min)	
Inlet Gas Temp.	5 .. 35 °C	
Inlet Gas Pressure	116 kPa (max)	
Moisture in Gas	inlet gas dew point: 5 °C ±0.1 °C	
Dust in gas flow	100 µg/m ³ , ≤ 1µm	
Warm-up time (full specification):	< 30 minutes	
Flow Meter	1	
Internal Gas Tubing	PU (certified) / Other on Request	
Zero Calibration Gas	Stream 1 : Nitrogen	Stream 2 : -/-
Span Calibration Gas Background	Stream 1 : Nitrogen	Stream 2 : -/-

Measuring*

Response time (t90)**: < 30 s

Gas	Technology	Range	Linearity Error	LDL (3 σ)	Display	C.C**	P.C***
1 CO ₂	NDIR	0 .. 10 Vol.%	±1 %[FS]	<±0.5 %[FS]	XX.x	-/-	-/-
2 CO	NDIR	0 .. 10 Vol%	±1 %[FS]	<±0.5 %[FS]	XX.x	-/-	-/-
3 NH ₃	EC	0 .. 10 ppm (20ppm max)	±2 %[FS]	<±1 %[FS]	XX.xx	-/-	-/-
4 H ₂ S	EC	0 .. 10 ppm (20ppm max)	±2 %[FS]	<±1 %[FS]	XX.xx	2	-/-

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Cross sensitivities****

Electrical parameters

Supply voltage:	198~242V AC, 50/60 Hz
Power Connector	EN60320 C1
Case Protection Level	IP42 (EN60529)
Package Dimensions	577mm*512mm*255mm

Climatic conditions

Operating temperature:	5 °C .. 45 °C
Storage temperature:	-20 .. + 60 °C
Air pressure:	760 .. 1160 hPa
Ambient humidity:	0 .. 95 % relative humidity (not condensing)

Accessories to be ordered separately :

Power Cable:	Refer to the requirement of country
Gas Connections (one Set : Inlet/Outlet)	Stainless Steel: 1/8" 1/4" 10mm 6mm Rubber Tube: 6mm PTFE: 6mm

* Typical values related to 1013 hPa, Ta = 22 °C, flow = 0.7 L/ min for dry (not condensing) and clean sample gas.

Stated values exclude calibration gas tolerance.

** C.C : Internal Cross compensated by other gas

*** P.C : Pressure compensated

**** If cross sensitivities are listed it is not limited to the list. Application based the back ground gas need to be confirmed

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For more information, please visit www.smartgas.eu or contact us at sales@smartgas.eu

Please consult smartGAS sales for parts specified with other temperature and measurement ranges. At first initiation and depending on application and ambient conditions re-calibration is recommended. Recurring cycles of re-calibration are recommended.