

Gas Analyser: GA300

Mobile and compact gas analyser for measuring and monitoring set gas mixtures. The measurement is based on the thermal conductivity principle.



GA300 gas analyser for on-site measurement of mixtures

Highlights

- Mobile Gasanalyser for the control of gas mixtures on gas mixing systems without an integrated analyser.
- Continuous monitoring of gas mixtures
- Allows the measurement of up to 10 binary gas mixtures (depending on the analyser version)
- Digital LCD display, easy operation and setting options through clear menu structure
- Operating and data access via RS232 interface possible
- Logging of the mixture
- Light, sturdy, low maintenance

Optional:

- Application software for calibration, operating and data access as well as logging
- Gas analysis for multiple gas combinations on request.

Technical Data:				
Carrier gas:	Argon (Ar)	Nitrogen (N ₂)	Carbon dioxide (CO ₂)	
Additive gas:	Carbon dioxide (CO ₂) Hydrogen (H) Helium (He) Oxygen (O ₂) Nitrogen (N ₂)	Carbon dioxide (CO ₂) Helium (He) Oxygen (O ₂) Hydrogen (H)	Oxygen (O ₂)	
Measuring range:	0-100 Vol. % (Ausnahme CO ₂ in Ar 0-60 Vol. %)			
Inlet pressure:	max. 1 MPa (10 bar)			
Accuracy:	< 1% of the measuring range			
Temperature:	-10 up to +50°C			
Connection:	G1/4-F			
Gas inlet:	G1/4-F			
Gas outlet:	G1/4-F			
Voltage / Power:	230V/50Hz			
Material:	Housing: aluminum, coated			
Measure and weight:	height:	width:	depth:	weight:
without connection	195 mm	289 mm	184 mm	approx. 6 kg

Further gas mixer versions for the production of gas mixtures of two gases are available on request.

Certification/ Technical Standards/ Rules

TRBS German Technical rules for operation safety, DVS German Association for Welding, Cutting and Allied Processes, DGUV German Employer's liability insurance association rules and regulations.

Standards/ Approvals

Company certified according to
ISO 9001:2015 and ISO 14001:2015,
CE-marking according to: Pressure Equipment Directive 2014/68/EU

(Subject to change without notice)