

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