

GAS ANALYSER MFA 9000



Compact, portable analyser for the measurement of 14 combinations of gases based on a thermal conductivity sensor.

The ideal analyser for mobile use and service.

Benefits

- flexible due to 14 different 2-gas mixtures in one unit
- analysis of 3-component-mixtures, provided 2 gases of the mixture have a similar thermal conductivity and the third gas differs enough from this thermal conductivity
- mobile analysis of gas mixtures at the point of use
- continuous control of the gas mixtures when used with gas mixing systems
- alarm possible via min.- and max.- limit transmitter
- easy use through self-explaining functions and settings
- digital display
- easy calibration
- long lifetime of the sensor
- low maintenance, light and robust
- cost effective and proven in practise

Other options and accessories available on request.

Technical data overleaf 

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Technical Data		
Type	Multi-Analysator MFA 9000	
Measuring range 0-100 %	H ₂ in Ar He in Ar CO ₂ in Ar (0-60%) Ar in CO ₂ (40-100%) CH ₄ in Ar O ₂ in Ar O ₂ in CO ₂ calibration by customer	H ₂ in N ₂ or air He in N ₂ or air CO ₂ in N ₂ or air Ar in N ₂ or air CH ₄ in N ₂ or air O ₂ in N ₂ N ₂ in Ar
Gas inlet pressure	min. 1.5 bar (dynamic), max. 20 bar (static)	
Flow rate	40 - 150 NI/h	
Resolution	0.01%	
Temperature (gas/environment)	-5 °C up to 50 °C (23 °F up to 122 °F)	
Accuracy	<1% end of measurement range	
Gas connections	Inlet	Wittfix 6 mm
	Outlet	Wittfix 6 mm
Housing	stainless steel	
Weight	approx. 10 kg	
Outlet signal	4 - 20 mA, RS232	
Dimensions (HxWxD)	approx. 240 x 240 x 230 mm (9.45 x 9.45 x 9.05 inches) (without connections)	
Voltage	100 - 230 V AC	
Power consumption	230 V AC / 0.145 A	
Approvals	Company certified according to ISO 9001 CE-marked according to: - EMC 2014/30/EU - Low Voltage Directive 2014/35/EU	