

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 | |

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