

**GAS ANALYSERS**

**MFA 6900**

**Compact, portable analyser for the measurement of 10 different combinations of gases based on a thermal conductivity sensor. The ideal analyser for mobile use and service.**

**Benefits**

- flexible due to 10 different 2-gas mixtures in one unit
- five more ranges by means of a conversion table
- 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
- easy use through self-explaining functions and settings
- digital display
- easy calibration
- unlimited lifetime of the sensor
- low maintenance, light and robust
- cost effective and proven in practise



Product Information

<b>Type</b>	MFA 6900	
<b>Measuring range</b> 0–100%	CO <sub>2</sub> in Ar O <sub>2</sub> in Ar He in Ar H <sub>2</sub> in Ar N <sub>2</sub> in Ar	CO <sub>2</sub> in N <sub>2</sub> O <sub>2</sub> in N <sub>2</sub> He in N <sub>2</sub> H <sub>2</sub> in N <sub>2</sub> more combinations by means of conversion table
<b>Gas inlet pressure</b>	min. 1 bar (flow), max. 7 bar (static)	
<b>Flow rate</b>	zero gas approx. 1 NI/min gas mixture approx. 0,5 NI/min	
<b>Resolution</b>	0,1%	
<b>Temperatures (gas/environment)</b>	15 °C to 25 °C (59 °F to 77 °F)	
<b>Accuracy</b>	approx. ±2% (15 °C to 25 °C) (59 °F to 77 °F) approx. ±3% (<15 °C; >25 °C) (<59 °F; >77 °F)	
<b>Gas connections</b>		
<b>Inlets</b>	G 1/4" with hose nipple 6 mm	
<b>Outlet</b>	G 1/4" with hose nipple 6 mm	
<b>Housing</b>	steel, painted	
<b>Weight</b>	10 kg	
<b>Outlet signal</b>	4-20 mA	
<b>Dimensions (HxWxD)</b>	approx. 230 x 280 x 355 mm (9.05 x 11.2 x 13.98 inch) (without connections)	
<b>Voltage</b>	230V AC / 0,08 A	
<b>Power consumption</b>	230V AC / 50 Hz	
<b>Approvals</b>	Company certified according to ISO 9001:2000 and ISO 14001 CE-marked according to: - EMC 89/336/EWG - Low Voltage Directive 73/23/EWG	

Technical Data