GAS ANALYSER MFA 9000

www.wittgas.com

Compact, portable analyser for the measurement of 15 combinations of gases based on a thermal conductivity sensor. The ideal analyser for mobile use and service.

Benefits

- flexible due to 15 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

Type	Multi-Analyser 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; H_2 in N_2; He in N_2; CO_2 in N_2; Ar in O_2; CH_4 in N_2; O_2 in N_2; N_2 in Ar; N_2 in H_2 calibration by customer
Gas inlet pressure	min. 1.5 bar (dynamic), max. 20 bar (static)
Flow rate	40 – 150 Nl/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

WITT-Gasetechnik GmbH & Co KG, Salinger Feld 4-8, D-58454 Witten, Tel. +49 (0)2302-8901-0, witt@wittgas.com