



MGA 8000GE

Gas Extractive Multi-Gas Analyser



The 8000GE Gas Analyser can measure up to 2 gases simultaneously using infrared technology, PLUS, Oxygen by integrating a paramagnetic cell. By incorporating high stability technology and regular maintenance recalibration need only be performed at 6-monthly intervals and sample gas pressure compensation is included as standard. Ease of use is of paramount importance by featuring self-monitoring, fault diagnosis and automated readjustment. The complete analyser is elegantly housed in an 19inch rack-mount design.

CH₄ CO CO₂ NO
N₂O O₂ SO₂



Main Applications

EMISSIONS MONITORING FOR:

- Power Stations
- Crematoria
- Combustion processes
- Boiler manufacture
- Landfill sites
- Bio-Fermentation processes
- Bunker and Silo storage
- Quality Methane analysis
- Delta CO measurement

Main Benefits

- Self-monitoring system
- Fault diagnosis
- Automated readjustment
- 6-monthly recalibration
- Long-term stability
- Sample gas pressure compensation
- Automatic adjustment with component-free ambient air
- Immune to contamination
- CE, MCERTS and TUV certification
- On-site and RTB maintenance
- Simultaneous multi-gas analysis

ADC Gas Analysers UK

Please see over page for more information

Technical Specification

Criteria	Details
Measurement:	CH ₄ CO CO ₂ NO N ₂ O O ₂ SO ₂ Gas Flow rate 30-60 Lit per hour
Technologies:	NDIR plus Paramagnetic for O ₂
Ranges:	CH ₄ - 0-5000ppm (0-100 Vol. %) CO - 0-60ppm (0-100 Vol. %) CO ₂ - 0-500ppm (0-100 Vol. %) NO - 0-93ppm (0-3 Vol. %) N ₂ O - 0-100ppm (0-100 Vol. %) SO ₂ - 0-35ppm (0-3 Vol. %) O ₂ - 0-10 Vol % - 0-25 Vol % O ₂ - 0-25 Vol % - 0-10 Vol % EN14181 Certified
Temperatures:	Operating: 0°C to +45°C at analyser inlet Ambient: +5°C to +45°C Storage: -20°C to +70°C
Ambient Humidity:	≥ 95% Relative humidity; non-condensing
Connections:	PVDF bulkhead fitting for 6 x 1mm hose. Options: 6mm or ¼inch Swagelock
Corrective:	Manual or automatic single point adjustment with ambient air or test gases
Options:	Integrated Sample Gas Pump, Flow Sensor, Humidity Sensor
Display:	Menu driven display and membrane keyboard
Menu Languages:	English, German, French, Italian, Dutch, Polish, Swedish and Spanish
Conformities:	MCERTS, EN15267, EN14181-2004, CE, cCSAus, TA-Luft
Analogue Outputs:	4 outputs. 4-20mA, 500
Digital Outputs:	8 relay contacts: 30VAC, 500mA - 48VDC, 500mA. 3 outputs preset for failure/service 8 transistor outputs: 24VDC, 500mA freely adjustable
Digital Inputs:	8 optical coupler inputs: 24VDC Electrically isolated; Freely programmable
Enclosure:	Rating: IP20. 19inch rack mounting with 3 rack units for cabinet integration
Dimensions:	W483mm x H132.5mm x D332mm
Weight:	9kg to 12kg dependent upon configuration
Power Supply:	100VAC (-15%/+10%) 230VAC (-15%/+10%) 115VAC (-15%/+10%) all 48-62Hz.≥150VA

For Additional Information

For more additional information, please telephone ADC directly at the numbers below:



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