

Nebula 2000PRO

Wall Mount Gas Analyser



The WM2000 is a self-contained wall/panel-mount gas analyser that can be used in an extensive variety of applications (see listing below) due to its unequalled performance with a capability to manage a huge number of gas-ranges and gases.

The analyser utilises the ultra-reliable single beam infrared optics technology which is particularly recommended for the Animal CH₄, Horticulture, Brewing and Global Warming applications

Main Benefits

- Customer-led design
- Self-contained, simple operation
- Unmatched gas-type coverage
- Excellent sensitivity, selectivity and repeatability
- Highly reliable performance
- Optional oxygen by ECC cell as second gas
- All functions set by PC link
- Only requires a modest flow sample
- Single AC power supply or 24V DC Input
- Analogue output 4-20mA
- Automatic Zero function with 6month calibration cycle
- Optional splash proof box or panel mount
- Complete with sample pump and manual

Main Applications

- Cement Production
- Food Processing
- Pharmaceutical
- Natural Gas
- Crematoria
- Combustion Control
- Land Fill Gases
- Clean Development Mechanism
- Wood Burning Boilers
- Particulate Emissions
- Biochemistry
- Brewing
- Horticulture
- Biology
- Animal CH₄ Measurement
- Global Warming Measurement
- CO₂, CO, SF₆ and CH₄ measurement

General Specifications

Criteria	Specification
Measurement Technique:	Non-dispersive infrared absorption with solid state detector
Measurement Range:	Up to 100% for gases and saturation concentration for vapours
Resolution:	1% fsd
Repeatability:	± 0.5% fsd
Noise:	0.5% fsd
Zero Stability:	Negligible shift with auto zero function
Span Stability:	0.5% over 90 days
Temperature Effect on Zero:	± 0.25% fsd per 1 degree centigrade
Temperature Effect on Span:	± 0.25% fsd per 1 degree centigrade
Response Time:	Typically, 4 seconds to T90 dependant on cell size
Flow Rate:	Typically, 0.2 to 1 litre per minute with sample pump
Connections:	240/220/110 VAC 50/60Hz Gas entries on front 4-20mA analogue output RS232/485 for system set-up Relay outputs; 1A 240V



ADC Gas Analysers UK

No. 4 Magpies, 122 Potter Street, Harlow, Essex, CM17 9AW, United Kingdom

email: sales@adc-analysers.co.uk

Telephone: +44(0)7521-706762 & +44(0)1279-863044