



**NEBULA**  
Gas  
Instrumentation

# WM2000 NG Wall-Mount Gas Monitor



The WM2000 NG Infrared Gas Monitors are easy to install independent products requiring minimum set-up.

The units include an LCD display,, digital alarm set point controls all housed within an IP54 enclosure to protect against ingress of particulates and moisture.

### Main Features

- Easy set-up via screen
- Low DC supply voltage
- History of past monitoring on screen
- Relay outputs for external equipment
- RS232 interface
- Pressure compensated
- Digital alarm set points
- Password protected for security
- Optional Ethernet interface

## Gas Measurement Ranges

Model	CO <sub>2</sub>	CH <sub>4</sub> *	CO*	SF <sub>6</sub>
WM2000 NG	0-3000ppm			0-1000ppm
WM2000 NG	0-1%			
WM2000 NG	0-3%			
WM2000 NG	0-5%	0-5%		
WM2000 NG	0-10%	0-10%	0-10%	
WM2000 NG	0-30%	0-30%	0-30%	
WM2000 NG	0-100%	0-100%	0-100%	
WM2000 NG	0-100% Biogas	0-100% Biogas		

## Other Technical Specifications

Criteria	Specification
Accuracy	± 2% of full scale**
Operating Temperature	0-40° Centigrade
Humidity	Measurements are unaffected by 0-95% relative humidity, non-condensing
Power Requirements	24V DC (18-36V DC)
Power Consumption	15W Typical (25W Maximum)
Response Time	T90 >30 seconds from sample inlet
Outputs	4-20mA / 0-20mA analogue output 11V guaranteed drive capability Alarm 1 relay, Alarm 2relay and fault relay SPCO (single pole change-over)
Voltage Free Contacts Rating	8A a 250V AC (resistive load) 8A at 24V DC (resistive load)
Enclosure Rating	IP54
Options	The units can be supplied with Ethernet and accessories including CO <sub>2</sub> , Zero calibration kit and filters

\* The instruments are not certified for use where risk of fire or explosion exists. During operation, prolonged exposure to high levels of flammable gases may lead to the creation of an explosive mixture within the instruments enclosure. Additional measures must be taken by the User to prevent this hazard occurring.

\*\*Not including calibration gas tolerance.

## Important Application Areas

- Biochemistry
- Brewing
- Agriculture
- Horticulture
- Biology
- Animal CH<sub>4</sub> Measurement
- Global Warming Measurement
- CO<sub>2</sub>, CO, CH<sub>4</sub> and SF<sub>6</sub> measurement

**NEBULAR Gas Instrumentation**  
 No. 11 Deer Park  
 Harlow, Essex, CM19 4LD  
 United Kingdom  
**email:** sales@nebulagas.com  
**Telephone:** +44(0)7521-706762  
 +44(0)1279-863044