



Medical  
Staff  
Safety

## G200

The G200 N<sub>2</sub>O analyser is designed to safety check background and breathing zone levels of N<sub>2</sub>O (0-1000ppm) in medical applications.

### Benefits

- Accurate verification of exposure limit breaches
- Dual purpose background analyser or personal analyser.
- Leak detection for N<sub>2</sub>O storage
- Highly portable

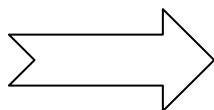
### Features

- 0 - 1000 ppm N<sub>2</sub>O
- Storage for 1000 readings
- TWA calculated
- EH40 occupational exposure limits calculated
- Leak detection
- User settable alarms
- Data download for graphing and reporting

### Applications

- Operating theatres
- Dental practices
- Veterinary clinics
- X-ray departments





## RELATED PRODUCT

### G210

Used to audit check piped medical gases in hospitals, including N<sub>2</sub>O, O<sub>2</sub>, CO<sub>2</sub> and CO.

## Product Specifications

G200		
<b>POWER SUPPLY</b>		
Battery type	Li Ion	
Battery life	> 10 Hours ( 8 hours with pump)	
Charge time	> 4 Hours	
<b>GAS RANGES</b>		
Gases Measured	N <sub>2</sub> O	By custom dual wavelength infra-red cell with reference channel
Range	N <sub>2</sub> O	0 to 1,000ppm 0-10,000ppm (leak detection mode)
Measurement Accuracy	Gas	
	N <sub>2</sub> O	Resolution: 1ppm Accuracy: ± (1.5% of range+ 2% of reading ) at reference conditions <sup>1</sup>
Response time, T <sup>90</sup>	N <sub>2</sub> O	40≤ seconds
<sup>1</sup> Conditions during factory calibration, typically 20°C, 1000 mBar		
<b>FACILITIES</b>		
Visual and audible alarm	User selectable N <sub>2</sub> O and TWA alarms	
Communications	USB type B mini- connector, HID device class	
Data Storage	1000 reading sets + 270 events	
Pump Flow	100 cc/min typically (300cc / min MAX)	
<b>ENVIRONMENTAL CONDITIONS</b>		
Operating temperature	5 ° C to 40 ° C	
Barometric pressure	500 to 1500mb	
Relative humidity	5% to 95% non condensing	
IP rating	IP40	
<b>PHYSICAL</b>		
Weight	500 grams	
Size	L 165mm, W100mm, D55mm	



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