



# Medi-Gas Check G200<sup>®</sup>

## Low range background N<sub>2</sub>O

Prevent against prolonged exposure to low-range N<sub>2</sub>O

Reliable and portable safety check for accurate verification of exposure limits for N<sub>2</sub>O in numerous medical settings.

### Features

- 0-1,000 ppm N<sub>2</sub>O
- Storage for 1,000 readings
- TWA calculated
- Calculates EH40 occupational exposure limits
- Leak detection
- User settable alarms
- Data download for graphing and reporting

### Applications

- Provides fast measurement of atmospheric N<sub>2</sub>O
- Cost effective monitor
- Easy to use portable system
- Dental departments
- Professionals using anesthetic gases
- Surgeries



medical gas detection for safety and  
peace of mind



## medical gas detection for safety and peace of mind

### Specification

#### Power supply

Battery type	Li Ion
Battery life	>10 hours (8 hours with pump)
Charge time	>4 hours

#### Gas Ranges

Gases measured	N <sub>2</sub> O	By custom dual wavelength infra-red cell with reference channel
Range	N <sub>2</sub> O	0-1,000ppm (0-10,000ppm in leak detection mode)
Accuracy	N <sub>2</sub> O	Resolution: 1ppm Accuracy: ±(1.5% of range + 2% of reading) at reference conditions <sup>1</sup>
Response time, T90	N <sub>2</sub> O	≤40 seconds

<sup>1</sup>Conditions during factory calibration, typically 20°C, 1,000mBar

#### Facilities

Visual and audible alarm	User selectable N2O and TWA alarms
Communications	USB (type B) mini connector, HID device class
Data storage	1,000 reading sets plus 270 events
Pump flow	Typically 100 cc/min (300cc/min maximum)

#### Environmental conditions

Operating temperature	5°C to 40°C
Barometric pressure	500 to 1,500 mb
Relative humidity	5% to 95% non-condensing
IP rating	IP40

#### Physical

Weight	500 grams (including batteries)
Dimensions (H × W × D)	165 × 100 × 55mm



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.