



Piped Medical Gas Verification

G210

The G210 is specifically designed for highly accurate measurement and verification of the quality of piped N₂O and O₂ gases in hospitals.

Benefits

- 4 gases measured in one analyser
- Easy user calibration
- Quick verification of gas quality
- Enter specific site & IDs for monitoring
- Identify contaminants CO and CO₂

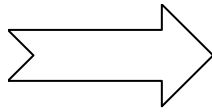
Features

- 0 - 100% N₂O
- 0 - 100% O₂
- 0 - 500 ppm CO (optional)
- 0 - 2000 ppm CO₂
- Data storage with site & ID input
- User alarms

Applications

- Hospital piped gases
- Leak detection





RELATED PRODUCT

G200

Used to safety check levels of N₂O, 0 - 1000 ppm in medical applications such as operating theatres.

Product Specifications

G210

POWER SUPPLY

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

GAS RANGES

Gases Measured	N ₂ O CO ₂ O ₂ (Optional) CO (Optional)	By custom dual wavelength infra-red cell By internal electrochemical cell By internal electrochemical cell
Range	N ₂ O CO ₂ O ₂ CO	0 to 100% 0 to 2000ppm 0 to 100% 0 to 500ppm
Measurement Accuracy	Gas	
	N ₂ O	Resolution: 0.1% Accuracy: ± (1% of range+ 2% of reading) at reference conditions ¹
	CO ₂	Resolution: 5ppm Accuracy: ± (1% of range+ 2% of reading) at reference conditions ¹
	O ₂	Resolution: 0.1% Accuracy: ± 2.0% Full scale @ constant temperature and pressure
	CO	Resolution: 1ppm Accuracy: ± 5.0% of range @ constant temperature and pressure
Response time, T ⁹⁰	CO ₂ N ₂ O	≤ 40 seconds
	O ₂	≤60 seconds

¹ Conditions during factory calibration, typically 22 °C 1000mBar