



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 analyzer
- Easy user calibration
- Quick verification of gas quality
- Enter specific site & IDs for monitoring points
- 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 – 100 ppm in medical applications such as operating theatres.

Technical Specifications

G210		
POWER SUPPLY		
Battery type	Li Ion	
Battery life	> 10 hours (8 hours with pump)	
Battery lifetime	> 300 cycles	
Battery charger	5v DC external power supply and internal charging circuit	
Charge time	< 3 hours	
Alternative power	USB connector DC power supply	
GAS RANGES		
Gases measured	N ₂ O	By custom dual wavelength infra-red cell
	CO ₂	By custom dual wavelength infra-red cell
	O ₂ (Optional)	By internal electrochemical cell
	CO (Optional)	By internal electrochemical cell
Oxygen cell lifetime	Approximately 3 years in air	
CO cell lifetime	Approximately 2 years in air	
Range	N ₂ O	0 - 100%
	CO ₂	0 - 2000ppm
	O ₂	0 - 100%
	CO	0 - 500ppm
Measurement Accuracy*	Gas	
	N ₂ O	± 1% full scale after calibration
	CO ₂	± 3% full scale after calibration
	O ₂	± 0.5% full scale after calibration
	CO	± 5.0% full scale after calibration
Response time, T ⁹⁰	CO ₂	≤ 20 seconds
	O ₂	≤ 60 seconds
	N ₂ O	≤ 20 seconds
	CO	≤ 60 seconds
* plus accuracy of calibration gas used		

VIASENSOR

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