



Medi-Gas Check G200[®]

Low range background N₂O

Prevent against prolonged exposure to low-range N₂O

Reliable and portable safety check for accurate verification of exposure limits for N₂O in numerous medical settings.

Features

- 0-1,000 ppm N₂O
- 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 N₂O
- Cost effective monitor
- Easy to use portable system
- Dental departments
- Professionals using anesthetic gases
- Surgeries



medical gas detection for safety and
peace of mind

www.bedfont.com



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

Bedfont Scientific Ltd

Station Road, Harrietsham, Maidstone,
ME171JA, England
Tel: +44 (0)1622 851122, Fax: +44 (0)1622 854860
Email: ask@bedfont.com
www.bedfont.com



ISO 9001:2000
Cert No. FM 31664
ISO 13485:2003
Cert No. MD 502905

Distributed by

© Bedfont Scientific Limited 2010

Issue 1 - December 2010, Part No: MKT280
Bedfont Scientific Limited reserve the right to change or update this literature without prior notice.
Registered in: England and Wales. Registered No: 1289798