



# O<sub>2</sub>/N<sub>2</sub>O analgesic gas mixture breathing systems

A solution for pain relief



**Anaesthesia** • Oxygen and Nitrous Oxide Delivery Systems



## O<sub>2</sub>/N<sub>2</sub>O breathing systems

These systems are designed for use with the various brands of 50% oxygen and 50% nitrous oxide analgesic gas, administered in three different ways, as follows:

- Free flow via a variable flow meter
- Remote cylinder or wall mounted demand valve
- Hand-held demand valve

Intersurgical has breathing system solutions for all three.

This gas mixture has many brand names, and is a fundamental link in the daily fight against pre-hospital or intra-hospital pain. The need to manage pain has led medical gas manufacturers to market their equivalent of this analgesic gas in many countries. Due to the solubility of nitrous oxide, it is generally recognised that this gas mixture reduces the sensation of

pain and anxiety almost instantly. In the UK it has been used extensively in the emergency arena, and to help alleviate the pain associated with childbirth, since the early 1960's.

### Brand names of this analgesic gas:

- Entonox® – trademark of BOC (Linde)
- Livopan® – trademark of AGA (Linde)
- Kalinox® – trademark of Air Liquide
- Nitronox® – trademark of Medical Gas Solutions
- Alnox™ – trademark of Air Liquide
- Equanox® – trademark of Air Liquide
- Liqui-Med™ – trademark of Praxair Canada
- Oxynox® – trademark of Air Products

### New design

The standard device for the administration of analgesic gas made of a 50% oxygen and 50% nitrous oxide mixture is now based on a Monobloc design, clear and lightweight. It's built around a swivel connector to improve the handling and ergonomics of the device.

[▶ Watch the video](#)



**Reservoir bag**  
Available either in 2L (polychloroprène or PVC) or 1L (PVC)

**6mm swivel stem**  
Connects to the MEOPA cylinder

**Connector 22M/15F**  
For patient connection

**Swivel design**  
To improve the maneuverability of the device

**One way valve**  
To direct exhaust gas to the scavenging tube

**Connector 30M**  
For scavenging tube

## O<sub>2</sub>/N<sub>2</sub>O breathing systems with a 2L latex-free reservoir bag, for repeated use

Code	Description	Box Qty.
👁 261 2001	O <sub>2</sub> /N <sub>2</sub> O breathing system with a 2L latex-free reservoir bag, for repeated use	25
261 1004	O <sub>2</sub> /N <sub>2</sub> O breathing system with a 2L reservoir bag, oxygen tube 1.8m, filter, scavenging tube 10m	1
261 1005	O <sub>2</sub> /N <sub>2</sub> O breathing system with a 2L reservoir bag, oxygen tube 1.8m, filter	4
261 1007	O <sub>2</sub> /N <sub>2</sub> O breathing system with a 2L reservoir bag, oxygen tube 1.8m, filter, scavenging tube 10m	1

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👁 illustrated



## O<sub>2</sub>/N<sub>2</sub>O breathing systems for free flow applications

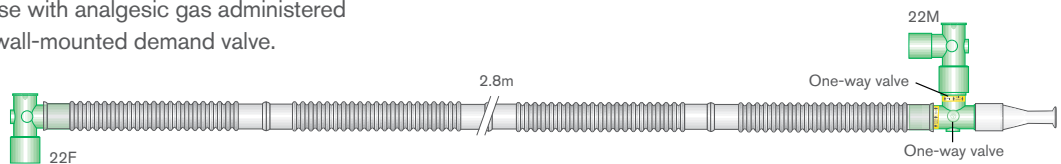


Code	Description	Box Qty.
2612000	O <sub>2</sub> /N <sub>2</sub> O breathing system with a 2L PVC bag for single-use	25
2612010	O <sub>2</sub> /N <sub>2</sub> O breathing system with a 1L latex-free reservoir bag, for repeated use	25
2612003	O <sub>2</sub> /N <sub>2</sub> O breathing system with a 2L PVC reservoir bag, scavenging limb 6m	1
2612004	O <sub>2</sub> /N <sub>2</sub> O breathing system with a 1L PVC reservoir bag, scavenging limb 6m	1

Make an enquiry

## O<sub>2</sub>/N<sub>2</sub>O breathing systems for remote demand valve applications

Designed specifically for use with analgesic gas administered via a cylinder-mounted or wall-mounted demand valve.

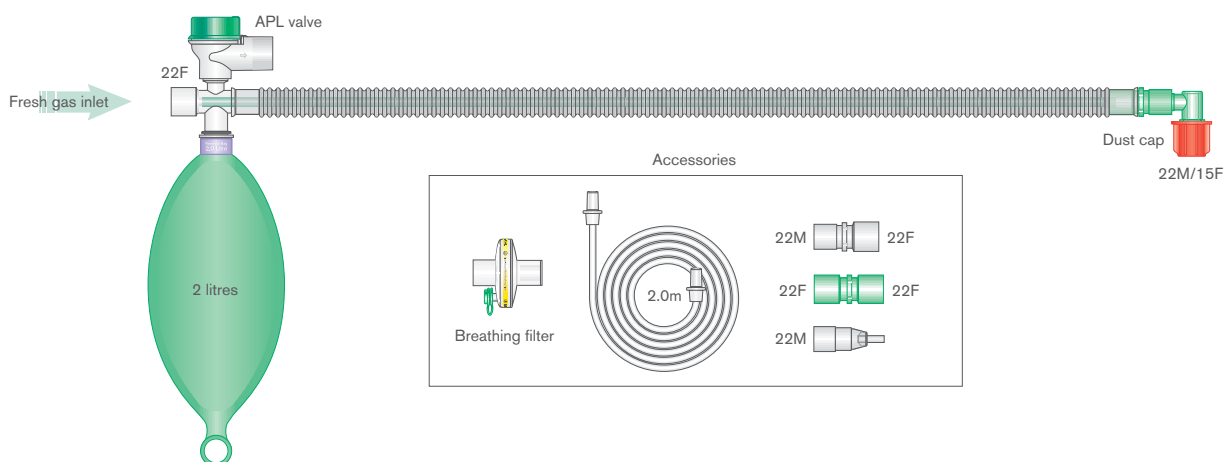


Code	Description	Box Qty.
2620001	O <sub>2</sub> /N <sub>2</sub> O breathing system with a mouthpiece and one-way valves, 2.8m	20
2630001	O <sub>2</sub> /N <sub>2</sub> O breathing system with mask and one-way valves, 2.8m	20

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## O<sub>2</sub>/N<sub>2</sub>O Breathing system for odontology, for repeated use

The O<sub>2</sub>/N<sub>2</sub>O breathing system for odontology is based on a Bain system where the valve/bag/gas connection are away from the patient. The inner lumen delivers fresh gas directly to the patient connector. These characteristics reduce the congestion of the breathing system close to the patient giving more space for the clinician.



Code	Description	Box Qty.
2119001	22mm coaxial breathing system (10) , APL valve, 2L reservoir bag, filter (150), scavenging limb 10m, 1.6m	1
2119002	22mm coaxial breathing system (1) , APL valve, 2L reservoir bag, filter (15), scavenging limb 10m, 1.6m	1



## O<sub>2</sub>/N<sub>2</sub>O breathing attachment for hand-held demand valve applications

Designed specifically for use with analgesic gas administered via a hand-held demand valve.



Code	Description	Box Qty.
1344131	Inter-Guard™ breathing filter with mouthpiece	50
1644137	Clear-Guard™ Midi low volume breathing filter with mouthpiece	50
1644000	Clear-Guard Midi low volume breathing filter with luer port	100
1931000	Straight mouthpiece, 22F – mouthpiece	35

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## Scavenging tube

Tinted blue to differentiate it from the anaesthesia breathing system tubing used in operating theatres, the 30mm scavenging tube conforms to ISO standards for gas scavenging.



[Watch the video](#)

Code	Description	Box Qty.
1574066	22mm Flextube blue scavenging tube – 50m roll cuffed at 0.4m	1
1573000	22mm Flextube – 50m roll cuffed at 0.15m	1
1574000	22mm Flextube – 50m roll cuffed at 0.4m	1
1570000	30mm Flextube blue scavenging tube – 30m roll cuffed at 1.6m	1
1574003	22mm Flextube scavenging tube – 30F connector, 5.2m	5
1574004	22mm Flextube scavenging tube – 30F connector, 10m	5
2612011	22mm Compact scavenging tube – 30F connector, 6m	20
1971000	Scavenging connector 22m – 30F	25

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illustrated

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Intersurgical Ltd, Crane House, Molly Millars Lane, Wokingham, Berkshire, RG41 2RZ, UK  
 T: +44 (0)118 965 6300 info@intersurgical.com www.intersurgical.com



The manufacturer Intersurgical Ltd is certified to ISO 9001:2015, ISO 13485:2016, ISO 14001:2015 and MDSAP

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