

O₂/N₂O analgesic gas mixture breathing systems

A solution for pain relief



Anaesthesia ▪ Oxygen and Nitrous Oxide Delivery Systems



O₂/N₂O breathing systems

The combination of oxygen (O₂) and nitrous oxide (N₂O) is widely used in medicine for its analgesic properties, particularly in a 50:50 premix (e.g., Entonox[®]). It provides rapid, short-term pain relief and mild sedation without loss of consciousness, making it especially useful in labour, trauma care, and minor procedures. The mix is safe, easy to administer, and has a fast onset and offset.

This gas mixture has many brand names and the need to manage pain has led medical gas manufacturers to market their equivalent of this analgesic gas in many countries.

Brand names of this analgesic gas:

Entonox[®] – registered trademark of BOC Limited (Linde)

Livapan[®] – registered trademark of Linde

GmbHKalinox[®] – registered trademark of Air Liquide

Sante International

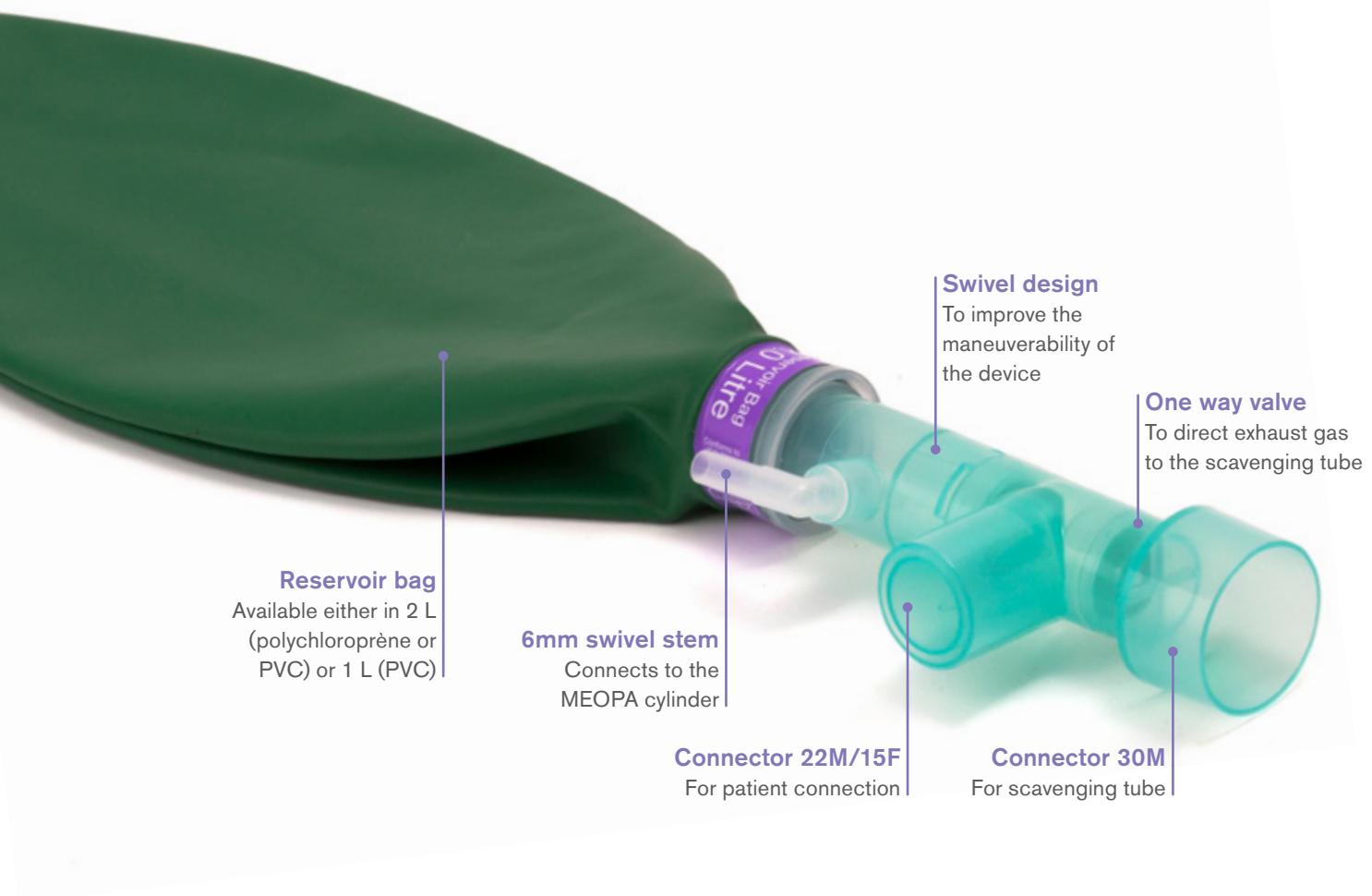
Nitronox[®] – registered trademark of Medical Gas Solutions Limited

AlnoxTM – trademark of Air Liquide

Equanox[®] – registered trademark of Air Liquide Ltd

Liqui-MedTM – trademark of Praxair Canada

Oxynox[®] – registered trademark of Air Products and Chemicals, Inc.



O₂/N₂O breathing systems with a 2 L latex-free reservoir bag

Code	Description	Box Qty.
2612001	O ₂ /N ₂ O breathing system with 2 L bag and gas delivery tube, ≥ 2 m	25
2611004	O ₂ /N ₂ O breathing system with 2 L reservoir bag, oxygen tube ≥ 1.8 m, filter, scavenging tube ≥ 10 m	1
2611005	O ₂ /N ₂ O breathing system with 2 L bag, gas delivery tube and filters, ≥ 2 m	4
2611007	O ₂ /N ₂ O breathing system with 2 L reservoir bag, oxygen tube ≥ 1.8 m, filter, scavenging tube ≥ 10 m	1

Make an enquiry



O₂/N₂O breathing systems for free flow applications

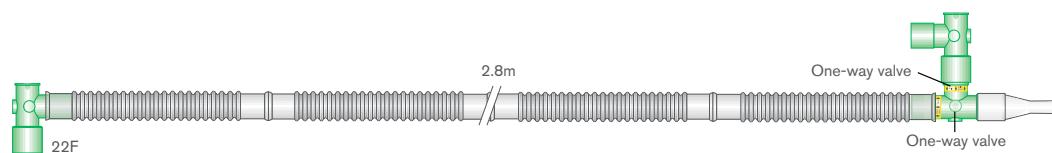


Code	Description	Box Qty.
2612000	O ₂ /N ₂ O breathing system with 2 L PVC bag, and gas delivery tube, ≥ 2m	25
2612010	O ₂ /N ₂ O Breathing System with 1 L PVC reservoir bag, oxygen tube ≥ 1.8m	25
2612003	O ₂ /N ₂ O breathing system with 2 L PVC reservoir bag, scavenging limb ≥ 6 m	1

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O₂/N₂O breathing systems for remote demand valve applications

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

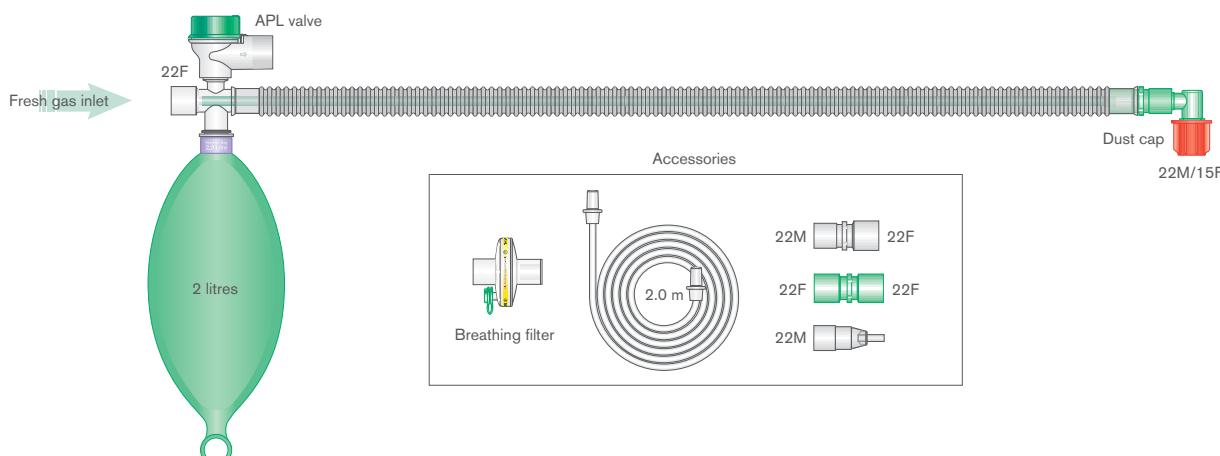


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Code	Description	Box Qty.
2620001	22mm Flextube™ O ₂ /N ₂ O breathing system with one way valves, elbow, and mouthpiece, ≥ 2.8 m	20
2630001	22mm Flextube O ₂ /N ₂ O breathing system with one way valves, and anaesthetic face mask, ≥ 2.8 m	20
1644237	22mm O ₂ /N ₂ O breathing system with filter, ≥ 1.2 m	25

O₂/N₂O Breathing system for odontology, for repeated use

The O₂/N₂O 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	Adult Mapleson D Bain O ₂ /N ₂ O deluxe coaxial breathing systems (10) with 2 L bag, elbow, filters (150), scavenging limb (10 m), and APL valve, ≥ 1.6m	1
2119002	Adult Mapleson D Bain O ₂ /N ₂ O deluxe coaxial breathing system with 2 L bag, elbow, filters (15), scavenging limb (10 m), and APL valve, ≥ 1.6m	1

illustrated



O₂/N₂O breathing attachment for hand-held demand valve applications

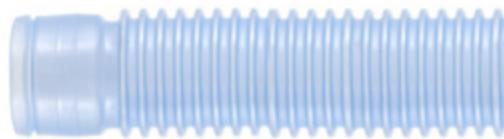
Designed specifically for use with analgesic gas administered via a hand-held demand valve.



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

[Make an enquiry](#)

Scavenging tube



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

Code	Description	Box Qty.
1574066	22 mm Flextube™ blue scavenging tube with 50 m roll cuffed at 0.4 m	1
1573000	22 mm Flextube with 50 m roll cuffed at 0.15 m	1
1574000	22 mm Flextube with 50 m roll cuffed at 0.4 m	1
1570000	30 mm Flextube blue scavenging tube with 32 m roll cuffed at 1.4 m	1
1574003	22 mm Flextube scavenging tube with 30F connector, ≥ 5.2 m	5
1574004	22 mm Flextube scavenging tube with 30F connector, ≥ 10 m	5
2612011	22mm Compact scavenging limb, ≥ 6m	20
1971000	Scavenging connector 22M – 30F	25

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

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