THE INHALATION SEDATION SPECIALISTS

RA Medical Services Ltd
Inhalation Sedation Specialists
THE INHALATION SEDATION SPECIALISTS

We specialise in the servicing and supplying of Inhalation Sedation Equipment for use in dental and other medical environments. This enables us to focus on client requirements, providing a total solution to all needs.

Choice
Offering a wide choice of products etc... from various manufacturers’, continually undergoing evaluation for client suitability and conformity to standards.

Service
We strive to ensure competitive pricing, ensuring that our clients need never withhold proper maintenance due to economic consideration. All our engineers are manufacturer trained and R A Medical holds sole OEM (Original Equipment Manufacturer) UK authorised service agent status for Matrx, Porter and Accutron products.

Advice
Our depth of knowledge in the field, covers 50+ years of experience enabling us to offer sound, practical advice in all aspects of inhalation sedation administration. We operate a policy of assistance and support for the promotion of Relative Analgesia in Dentistry and are willing to sponsor, advise and demonstrate, actively supporting Post-Graduate, lecture and training courses for health authorities and specialist interest organisations.

Safety & Quality
Quality Control is of paramount importance within R A Medical. Strict procedures control all aspects of operation. We currently hold and operate to BS EN ISO 9001: 2008.

TO PLACE YOUR ORDER SIMPLY CALL...

+44 (0)1535 652444

FOR PAYMENT TERMS, CONDITIONS OF SALE, AND HOW TO PAY, SEE PAGE 18
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FIND OUT MORE AT WWW.RAMEDICAL.COM
For White Papers and the Latest News

TO ORDER CALL: +44 (0) 1535 652444
Conscious sedation is defined as:
A technique in which the use of a drug or drugs produces a state of depression of the central nervous system enabling treatment to be carried out, but during which verbal contact with the patient is maintained throughout the period of sedation. The drugs and techniques used to provide conscious sedation for dental treatments should carry a margin of safety wide enough to render loss of consciousness unlikely.
The level of sedation must be such that the patient remains conscious, retains protective reflexes, and is able to respond to verbal commands.
This document is regularly updated. Latest version is on the GDC Website.

Dedicated purpose-designed machines for the administration of inhalation sedation (formerly termed relative analgesia) for dentistry should be used. Such machines should conform to British Standards and be maintained according to manufacturers’ guidance with regular, documented servicing. Scavenging of Waste Gases must be adequate and sufficient to fully conform to current C.O.S.H.H. standards. Breathing systems should have a separate inspiratory and expiratory limb to allow proper scavenging. Nasal masks should be close fitting providing a good seal without air entrainment valves.

‘Conscious Sedation in the Provision of Dental Care’ 2003, states that equipment should receive “regular and documented servicing”.

Equipment should be maintained by a O.E.M. (Original Equipment Manufacturer) trained Service Provider. In the UK this effectively means one field service per annum. However, frequency of equipment use may indicate a requirement for 6 monthly service intervals.

A standard field service includes: Engineer attending on site, all standard service components, certification and performance warranty. Cover does not usually include accidental damage or equipment mis-use.

Please note: Any damaged or failed components, additional to standard parts and replaced at time of service are charged at list price in operation at time of service visit.

A postal service facility is also available for more remotely placed equipment, where it may not always be possible to offer an engineer attending on site on a regular basis.

R A Medical Services are the sole O.E.M. trained Service Provider in the UK and Eire for the following range: Portal, Matrx and Accutron.

Please note: Service of other Manufacturer type units is available - please contact our Customer Service Department for further details.

Contact Customer Services on 01535 652444 or email info@ramedical.com

Every endeavour is made to accommodate specific requests with regard to time of day and date of attendance.

Following a service visit, you will then be automatically offered a visit on an annual basis unless instructed otherwise.

As a member of the British Dental Industry Association, R A Medical adhere to a Code of Practice. As such, we agree to ensure, as far as is practical or achievable, to ensure that products offered for sale are supported by adequate stocks and technical information. In addition, we as suppliers have ensured that equipment repair facilities and spare parts will be available to support the customer for the normal life of the product. (Apart from circumstances completely beyond our control as in the case of the black faced DMDM).
MINISCAV™
NITROUS OXIDE SCAVENGING

MINISCAV ACTIVE SCAVNGER
Miniscav Active Scavenger Unit. Complete with one metre 15mm flexible transfer hose assembly w/quick fitting taper connections. Rigid external waste vent assembly and 1.8m power lead. Unit is CE marked and complies with IEC 60601-1:2005. Requires a 240v power socket and 15mm external wall vent. Please note: for longer flexible transfer hose assemblies add £10.00 per metre at time of ordering.

EXTERNAL WASTE VENT ASSEMBLY
Additional Rigid Waste Vent Assembly. (Enables the Miniscav to be used in multiple surgeries).

ONE METRE HOSE ASSEMBLY
Replacement one metre Flexible Transfer Hose Assembly complete with quick taper connections.

TWO METRE HOSE ASSEMBLY
Replacement two metre Flexible Transfer Hose Assembly complete with quick taper connections.

REPLACEMENT POWER LEAD

REPL ELBOW CONN 15M -11M/15F
Green elbow connector for use with flexible transfer hose

REPL CONN 15M - 22M
Green straight connector for use with flexible transfer hose

This system is designed for connection to a rigid waste gas disposal vent which is included in the Miniscav™ package and connects to the unit via a flexible 15mm hose assembly via taper connectors.

The external waste vent assembly requires a 15mm exit vent hole in a suitable external wall.

Please note: Careful consideration must be given to positioning of the scavenging system discharge. It should be preferably well away from ventilation inlets, opening windows and other aperatures in order to prevent pollution re-entering the building. Ref: HTM 02-01 Part A.

Fitting: If installation and commissioning of the Miniscav™ is required by engineer, then a suitable 15mm exit vent must be in place prior to the engineer attending on-site. Alternatively, we would be happy to discuss your requirements.

Important: It is essential that an Active Scavenging Breathing System is used with the Miniscav.

Please note: The Miniscav will not work with a Passive type breathing system i.e. corrugated hose and single nasal mask.
PORTER SEDATION EQUIPMENT

C3000 MXR R A HEAD
C3000 MXR R A Head with dual seal failsafe, emergency air-intake and 100% Oxygen Flush button. Maximum 70% Nitrous Oxide.

SEDATION PACKAGE 1
C3400-RA £3,600.00
Sedation Package comprising: C3000 MXR, Top Mounting 4 Cylinder Stand w/ pair DISS Medical Gas Supply Hoses, Reservoir Bag, Pack Cylinder Labels and Scavenger Breathing System. (latex free)

SEDATION PACKAGE 2
C3400-RA Short £3,700.00
Sedation Package comprising: C3000 MXR, Low Mounting (S Bracket) 4 Cylinder Stand (allows under cabinet storage), w/pair DISS Medical Gas Supply Hoses, Reservoir Bag, Pack Cylinder Labels and Scavenger Breathing System. (latex free)

SEDATION PACKAGE 3
C3420P £2,110.00
Sedation Package comprising: C3000 MXR, Solid Wall Mount, Pair one metre DISS/Probe Medical Gas supply hoses, Reservoir Bag and Scavenger Breathing Assembly. (latex free)

SEDATION PACKAGE 4
C30500 £2,220.00
Sedation Package comprising: C3000 MXR Maximum 50% Nitrous Oxide Reservoir Bag, Scavenger Breathing System, Solid Wall Mount and Pair one metre DISS/Probe Medical Gas supply hoses. (latex free)

AUTOMATIC VACUUM SWITCH
AVS-5000 £420.00
Note: This item is not suitable for use with a Miniscav

POSITIVE PRESSURE DEMAND VALVE WITH UNIVERSAL MASK
10ft hose and Porter Quick Connect.

OXYGEN FLEXIBLE MEDICAL GAS HOSE ASSEMBLY
RA2001 £65.00
One metre - DISS to BS Probe. Note: to extend hose length add £8.00 per metre.

NITROUS OXIDE FLEXIBLE MEDICAL GAS HOSE ASSEMBLY
RA2002 £65.00
One metre - DISS to BS Probe. Note: to extend hose length add £8.00 per metre.

OXYGEN FLEXIBLE MEDICAL GAS HOSE ASSEMBLY
RA2003 £65.00
(Flowmeter to Stand) one metre DISS to DISS.

NITROUS OXIDE MEDICAL GAS HOSE ASSEMBLY
RA2004 £65.00
(Flowmeter to Stand) one metre DISS to DISS.

PORTER MOUNTING OPTIONS

MOBILE 4 CYLINDER STAND
2045-3RA £1,605.00
Mobile 4 Cylinder Stand 26” Post (5 leg base) w/cylinder restraint and Pair oxygen/nitrous oxide DISS/DISS hoses. Top Mounting.

MOBILE 4 CYLINDER STAND
2045-S3RA £1,700.00
Mobile 4 Cylinder Stand as above but with low mounting S Bracket. Maximum height 36”. Base 13inch by 19ich

TALL MOBILE STAND
RA2042 £250.00
5-leg base (no yoke assembly).

SHORT MOBILE STAND
RA2040 £230.00
5-leg base (no yoke assembly). Flowmeter height adjusts from 24” to 36” maximum.

SOLID WALL MOUNT
P2020 £220.00
Telescoping Arm Extends to 18”

CABINET MOUNT
P2035-1 £220.00
Slide Away - extends 5” from cabinet.

CABINET SLIDE MOUNT
P2036-3 £360.00
Slides out for easy access and retracts for storage. Base Plate 10” x 5” - extends 9” from cabinet when in use.
PORTER BREATHERING SYSTEMS & DISPOSABLES

PORTER BROWN SYSTEM

**5155-1** £380.00
Porter Brown Scavenger Breathing System w/Adult Hood complete with outer mask, three inner liners and pair hood/hose connectors. Latex Free & Autoclavable.

**5155-2** £380.00
Porter Brown Scavenger Breathing System w/ Paediatric Hood complete with outer mask, three inner liners and pair hood/hose connectors. Latex Free & Autoclavable.

PORTER ADULT HOOD ASSEMBLY

**5054A** £190.00
Porter Adult Hood Assembly comprising: Outer Hood, three adult inner liners and pair of hood/hose connectors. Latex free and Autoclavable.

PORTER PAEDIATRIC HOOD ASSY

**5054B** £190.00
Porter Paediatric Hood Assembly comprising: Outer Hood, three paediatric inner liners and pair of hood/hose connectors. Latex Free and Autoclavable.

PORTER OUTER HOOD - ADULT

**5054-AD** £148.00
Porter Adult Outer Hood only. Complete with pair of hood/hose connectors. Latex Free and Autoclavable.

PORTER OUTER HOOD - PEDO

**5054-PD** £148.00
Porter Paediatric Outer Hood only. Complete with pair of hood/hose connectors. Latex Free and Autoclavable.

PORTER HOOD LINERS - ADULT

**5054-1** £43.00
Pack of 3 Adult Inner Liners. Latex Free and Autoclavable.

PORTER HOOD LINERS - PEDO

**5054-2** £43.00
Pack of 3 Paediatric Inner Liners. Latex Free and Autoclavable.

REPLACEMENT LINER VALVES

**5066** £17.00

ADDITIONAL DISPOSABLE ITEMS

DISPOSABLE COAXIAL HOSE

**RA2006** £160.00
Pack 50 Pairs Disposable Coaxial Hose (green)

DISPOSABLE COAXIAL HOSE

**RA2007** £284.00
Pack 100 Pairs Disposable Coaxial Hose (green)

DISPOSABLE HOOD/HOSE CONNECTORS

**RA2055** £19.00
Pack 100 Disposable hood/hose Connectors (clear)

DISPOSABLE SLIDE ADJUSTER

**RA2056** £10.00
Pack 50 Disposable Slide Adjusters (clear)

PORTER DISPOSABLE LINERS

ADULT LINERS - PACK 12
Porter Adult Unscented Disposable Liners - Pack 12 (Green)

**5053AD12** £35.00

**5053AD144** £240.00

**5053AD12C** £35.00

**5053AD144C** £240.00

ADULT LINERS - BOX 144
Porter Adult Unscented Disposable Liners - Box 144 (12 x Packs 12) (Green)

**5053PD12** £35.00

**5053PD144** £240.00

**5053PD12C** £35.00

**5053PD144C** £240.00

ADULT LINERS - BOX 144
Porter Adult Citrus Disposable Liners - Box 144 (12 x Packs 12) (White)

**5053AD12** £35.00

**5053AD144** £240.00

**5053AD12C** £35.00

**5053AD144C** £240.00

PEDO LINERS - PACK 12
Porter Pelo Unscented Disposable Liners - Pack 12 (Green)

**5053PD12** £35.00

**5053PD144** £240.00

**5053PD12C** £35.00

**5053PD144C** £240.00

PEDO LINERS - BOX 144
Porter Pelo Unscented Disposable Liners - Box 144 (12 x Packs 12) (Green)

**5053PD12** £35.00

**5053PD144** £240.00

**5053PD12C** £35.00

**5053PD144C** £240.00

PEDO LINERS - BOX 144
Porter Pelo Citrus Disposable Liners - Box 144 (12 x Packs 12) (White)

**5053PD12** £35.00

**5053PD144** £240.00

**5053PD12C** £35.00

**5053PD144C** £240.00

TO ORDER CALL: +44 (0) 1535 652444
## PORTER SYSTEM SUNDRIES

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<td>Pair Porter Coaxial Inhaler Tubing (grey)</td>
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<td>Porter Tension Slide Adjuster (grey)</td>
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<td>Porter Replacement 8 Foot Vacuum Hose (grey)</td>
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<td>Vacuum Hose Reinforcing Loop</td>
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<td>Porter Vacuum Control Block (Flow Limiter)</td>
<td>P2400</td>
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<td>Porter Replacement Knobs for MXR (pair)</td>
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<td>Porter 22mm Right Angled Fresh Gas Connector (white)</td>
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<td>Porter Replacement E-Stand Cylinder Restraint Kit</td>
<td>A-3492-000</td>
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## Additional Items:

- **2 LITRE RESERVOIR BAG**
  - 2 Litre Latex Free Reservoir Bag (grey). Autoclavable.
  - £20.00

- **3 LITRE RESERVOIR BAG**
  - 3 Litrte Latex Free Reservoir Bag (grey). Autoclavable.
  - £26.00

- **BODOK SEALS**
  - £10.00

- **CYLINDER CONTENT LABELS**
  - Cylinder Content Labels - Pack 4. IN-USE / FULL.
  - £10.00

- **RATCHET CYLINDER KEY**
  - Ratchet Cylinder Key.
  - £35.00

- **BULLNOSE CYLINDER KEY**
  - Bullnose Cylinder Key (Spindle).
  - £8.00

- **MOBILE STAND COVER**
  - Mobile 4 Cylinder Cover. Washable Cotton Fabric available in various colours/designs. Please call Customer Services for samples/available designs.
  - £40.00

- **BLACK VACUUM ADAPTER**
  - £18.00

---

![Description](https://via.placeholder.com/150)
# SILHOUETTE™ BREATHING SYSTEM

## FLOWMETER CONNECTION KIT
**SIL-CONN-KIT**  £44.00
Flowmeter connection kit (order one for each flowmeter) – Includes: cannula adapter, breathing bag cap, 2 metre fresh gas/vacuum tubing, 4 colour coded sizer masks, and clip.

## SILHOUETTE STARTER PACK
**SIL-START-PK**  £54.00
Silhouette Starter Pack: 3 Masks (one each: Paediatric, Adult Small, Medium), cannula adapter, breathing bag cap, and 2 meter fresh gas/vacuum tubing.

## SILHOUETTE STARTER PEDO
**SIL-START-PKPD**  £54.00
Silhouette Starter Pack: 3 Masks (one each: Paediatric, Adult Small, Medium), cannula adapter, breathing bag cap, and 2 meter fresh gas/vacuum tubing.

## ADDITIONAL DISPOSABLE ITEMS

### SILHOUETTE SIZER MASKS
**SIL-SIZERS-4**  £20.00
Colour Coded - 1 For each size (included with SIL-CONN-KIT)

### SILHOUETTE ADAPTER KIT
**SIL-ADPT-KIT**  £15.00
3 each cannula adapter, clip with strap and bag tee cap.

### FRESH GAS AND VACUUM

#### FRESH GAS AND VACUUM TUBING
3/8” + 1/4” x 2 metres long

#### CANNULA ADAPTER
**PA-1629-000**  £3.00

#### BAG TEE CAP
**62905510W**  £3.00

#### RIGHT ANGLE ADAPTER
**1571-22**  £20.00

#### VACUUM ADAPTER (BLACK)
**A-3679-00**  £18.00

#### VACUUM CONTROL BLOCK
**5501-RK**  £58.00

## SILHOUETTE - 12 - PACKS
**£100.00**
Variety 12 Pack: 3 Silhouette masks of each size - Paediatric, Adult Small, Medium, Large

- 12 Pack: 12 Paediatric Silhouette Masks
- Adult small 12 pack: 12 Adult Small Silhouette Masks
- Medium 12 pack: 12 Medium Silhouette Masks
- Large 12 Pack: 12 Large Silhouette Masks

## TO ORDER CALL: +44 (0) 1535 652444
Quantiflex Monitored Dial Mixer (MDM). Features oxygen/nitrous oxide flowtubes, in-ratio oxygen failsafe, oxygen flush, air intake valve, non-rebreathing check valve; mixture percentage dial; total flow control knob (Auto Compensating). Standard ISO Model with DISS Fittings.


Sedation Package comprising: MDM Flowmeter, top mounting Mobile 4 Cylinder Stand w/pair DISS medical gas supply hoses (oxygen/nitrous oxide), latex free reservoir bag, pack cylinder content labels (4) and Scavenger Breathing System. Max Height 53” Min Height 40”

Sedation Package comprising: DMDM Flowmeter, top mounting Mobile 4 Cylinder Stand w/pair DISS medical gas supply hoses (oxygen/nitrous oxide), latex free reservoir bag, pack cylinder content labels (4) and Scavenger Breathing System.

Demand Valve Resuscitator for DMDM. Includes Oxygen Demand Valve, 6 foot hose assembly, DISS Connection and clear Adult Facemask.

Replacement Clear Child Mask for Demand Valve Resuscitator (MDM & DMDM)

Replacement Clear Adult Mask for Demand Valve Resuscitator (MDM & DMDM)

Mobile 4 Cylinder Stand 26” Post (5 leg base) w/cylinder restraint and Pair oxygen/nitrous oxide DISS/DISS hoses. Top Mounting. Base 20” x 20”

Matrix High Mobile Stand. 5 leg base (no yoke assembly) Base 20” x 20”

Matrix Short Mobile Stand. 5 leg base (no yoke assembly) Base 20” x 20”

Matrix Telescoping Swing Arm Bracket (extends 15”). Including bottom mounting peg.

Bottom Mounting Peg with nut (for use with telescoping bracket)

Replacement T Handle for Matrix Mobile 4 Cylinder Stand

Replacement MDM bag Tee
**DYNOMITE NASAL HOODS - 24-PACK** £58.00

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**DYNOMITE DECORATIVE CANISTER (24)** £65.00

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**AUTOCLAVABLE NASAL HOODS** £60.00

- Small Autooclavable Nasal Hood (blue) Code 9151 5094
- Medium Autooclavable Nasal Hood (blue) Code 9151 5095
- Large Autooclavable Nasal Hood (blue) Code 9151 5096

**ACTIVE ANS SCAVENGER SYSTEM** £275.00

- Matrix Autooclavable Nitrous Scavenger System with Small Nasal Hood. Latex Free and autoclavable up to 134°C. Code 9151 5194
- Matrix Autooclavable Nitrous Scavenger System with Medium Nasal Hood. Latex Free and autoclavable up to 134°C. Code 9151 5193
- Matrix Autooclavable Nitrous Scavenger System with Large Nasal Hood. Latex Free and autoclavable up to 134°C. Code 9151 5192

**DYNOMITE ADAPTER** £45.00

- Dynomite Adapter - allows Dynomite hoods to be used with double hose scavenging systems i.e. Porter brown and Accutron.

**ACTIVATE ANS SCAVENGER SYSTEM** £275.00

- Matrix Autooclavable Nitrous Scavenger System with Small Nasal Hood. Latex Free and autoclavable up to 134°C. Code 9151 5194
- Matrix Autooclavable Nitrous Scavenger System with Medium Nasal Hood. Latex Free and autoclavable up to 134°C. Code 9151 5193
- Matrix Autooclavable Nitrous Scavenger System with Large Nasal Hood. Latex Free and autoclavable up to 134°C. Code 9151 5192

Please note: replacement component parts available for ANS system - please ring for advice.

**TO ORDER CALL:** +44 (0) 1535 652444
ACCUTRON 
SEDATION 
EQUIPMENT

ULTRA PC™ % FLOWMETER
31975  £1700.00

ULTRA PC™ PACKAGE B
36100-INT  £3600.00
Sedation Package comprising: Ultra Flowmeter, Top Mounting 4 Cylinder Stand w/pair oxygen/nitrous oxide DISS supply hoses, latex free reservoir bag, pack Cylinder Labels (4) and Scavenger Breathing System. Stand height with Flowmeter: maximum 42”

NEWPORT FLOWMETER™
50000  £3550.00
Sedation Package comprising: Newport Flowmeter System. All of the operating features of the Ultra and stand, plus its enclosed 4-cylinder design makes it a user-friendly portable system which can be positioned as required, whilst concealing the cylinders. Includes latex free reservoir bag, pack cylinder content labels (4) and Scavenger Breathing System. Dimensions (WxHxD): 19 1/4” x 31 3/4” x 24”

DIGITAL ULTRA FLOWMETER™
51975  £1850.00
Audible & visual low oxygen Alarms. Digital and analogue flow indication for each gas. Oxygen resuscitation connection. Nitrous Oxide Ratio Control with 70% maximum. Dimensions: 71/2”W x 7”H x 83/4”D. Weight 6.3 lbs. DISS fittings.

DIGITAL ULTRA™ PACKAGE
51975-INT  £3500.00
Includes: Digital Ultra Flowmeter, Mobile 4 Cylinder Stand – top Mount inc pair oxygen/nitrous oxide DISS-DISS. 2 litre latex free reservoir bag, Scavenger Breathing System (of choice) and pack cylinder content labels.

ACCUTRON MOUNTING OPTIONS

MOBILE 4 CYLINDER STAND
44000  £1530.00
Mobile 4 Cylinder Stand (5 leg base) w/cylinder restraint and Pair oxygen/nitrous oxide DISS/DISS hoses. Top Mounting.

MOBILE 4 CYLINDER STAND (S)
28373-INT  £1530.00
Mobile 4 Cylinder Stand (5 leg base) w/cylinder restraint and Pair oxygen/nitrous oxide DISS/DISS hoses. S bracket Mounting.

HIGH MOBILE STAND
32005  £249.00
High Mobile Stand (4 leg base) No yoke assembly. Base 14” x 14”

TELESCOPING WALL ARM
32003  £190.00
Telescoping Swing Arm Bracket. Extends 12” to 17”.

BI-FOLD WALL ARM
32001  £190.00
16” Bi-Fold Wall Arm.

CABINET UNDERMOUNT SLIDE
32004  £249.00
Cabinet Undermount Slide – mounts Ultra Flowmeter to underside of work surface.

CABINET SIDEMOUNT SLIDE
32006  £350.00
Cabinet Sidemount Slide - mounts Ultra Flowmeter to side of cabinet.

ACCUTRON SUNDRIES

PERSPEx ULTRA COVER
24551  £45.00
Replacement Ultra Flowmeter Perspex Cover.

E Yoke HANDLE
27302  £35.00
Replacement E Yoke Handle for Accutron Mobile 4 Cylinder Stand.

NITROUS OXIDE LOCK KEY
24555  £20.00
Replacement Set (2) Nitrous Oxide Lock Keys.

VELCRO STRAP
23579  £15.00
Replacement Velcro Strap for 4 cylinder stand restraint.

MOBILE STAND ADAPTER
32010  £56.00
Adapts Accutron stand to accept MXR flowmeter.

E CYLINDER TROLLEY
20526  £145.00
Single E Size cylinder.
**CLEARVIEW NASAL HOODS**

- Hood-in-hood design minimizes ambient nitrous oxide in surgery
- Clear outer hood shows ‘breathing through nose’ respiration (condensation appears in hood)
- Soft inner hood creates improved facial seal
- Low profile expands clinical field of view
- Appealing colours and scents engage and relax patients
- Single-use minimizes cross-contamination; saves staff time
- Use with other brands of scavenging system
- Latex Free

**CLEARVIEW+™ NASAL HOODS - PACK 12 £52.00**

<table>
<thead>
<tr>
<th>Size/Flavor</th>
<th>Item Code</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Large Adult Unscented Grey</td>
<td>33034-9</td>
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</tr>
<tr>
<td>Large Adult Outlaw Orange</td>
<td>33034-10</td>
<td>£15.00</td>
</tr>
<tr>
<td>Large Adult French Vanilla</td>
<td>33034-14</td>
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<tr>
<td>Large Adult Fresh Mint</td>
<td>33034-16</td>
<td>£15.00</td>
</tr>
<tr>
<td>Adult Unscented Grey</td>
<td>33035-9</td>
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<tr>
<td>Adult Outlaw Orange</td>
<td>33035-10</td>
<td>£15.00</td>
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<tr>
<td>Adult Birthday Bubblegum</td>
<td>33035-12</td>
<td>£15.00</td>
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<td>Adult French Vanilla</td>
<td>33035-14</td>
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<td>£15.00</td>
</tr>
<tr>
<td>Pedo Unscented Grey</td>
<td>33037-9</td>
<td>£15.00</td>
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<tr>
<td>Pedo Outlaw Orange</td>
<td>33037-10</td>
<td>£15.00</td>
</tr>
<tr>
<td>Pedo Sassy Strawberry</td>
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<tr>
<td>Pedo Birthday Bubblegum</td>
<td>33037-12</td>
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<tr>
<td>Pedo Groovy Grape</td>
<td>33037-17</td>
<td>£15.00</td>
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**ADDITIONAL DISPOSABLE ITEMS**

<table>
<thead>
<tr>
<th>DISPOSABLE COAXIAL HOSE</th>
<th>RA2006</th>
<th>£154.00</th>
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<tbody>
<tr>
<td>Pack 50 Pairs Disposable Coaxial Hose (green)</td>
<td>RA2007</td>
<td>£278.00</td>
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<tr>
<td>DISPOSABLE HOOD/HOSE CONNECTORS</td>
<td>RA2055</td>
<td>£16.00</td>
</tr>
<tr>
<td>Pack 100 Disposable Hood/Hose Connectors (clear)</td>
<td>RA2056</td>
<td>£8.00</td>
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**CLEARVIEW™ CO₂ CAPNOGRAPHY PACK 12 £91.00**

<table>
<thead>
<tr>
<th>Size</th>
<th>Item Code</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Pedo Unscented Grey</td>
<td>43037-9</td>
<td>£15.00</td>
</tr>
<tr>
<td>Pedo Birthday Bubblegum</td>
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<tr>
<td>Adult Unscented Grey</td>
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<tr>
<td>Adult French Vanilla</td>
<td>43035-14</td>
<td>£15.00</td>
</tr>
<tr>
<td>Large Adult Unscented Grey</td>
<td>43034-9</td>
<td>£15.00</td>
</tr>
<tr>
<td>Large Adult Fresh Mint</td>
<td>43034-16</td>
<td>£15.00</td>
</tr>
</tbody>
</table>

To enable connection to capnography monitor sample line for verification of patient end-tidal CO₂

**To ORDER CALL:** +44 (0) 1535 652444
## ACCUTRON SCAVENGER SYSTEMS & SCENTED DISPOSABLE MASKS

### ACCUTRON SCAVENGER CIRCUIT

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>£293.00 Clearview Scavenging Circuit includes 3 foot fresh gas hose, vacuum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>control valve and complimentary ClearView single-use Nasal Hoods, Pack of 12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>£293.00 Scavenging Circuit II includes 3 foot fresh gas hose, vacuum control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>valve, 2 ltr Reservoir bag, Pack of 12 complimentary PIP+ single nasal masks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>£293.00 Scavenger Circuit including 3 foot fresh gas hose, vacuum control</td>
<td></td>
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</tr>
<tr>
<td>valve and 24 assorted single-use scented hoods.</td>
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</tr>
<tr>
<td>£293.00 Scavenger Circuit including 3 foot fresh gas hose, vacuum control</td>
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</tr>
<tr>
<td>valve and Medium multi-use Nasal Hood.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>£293.00 Scavenger Circuit including 3 foot fresh gas hose, vacuum control</td>
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<td></td>
</tr>
<tr>
<td>valve and Small multi-use Nasal Hood.</td>
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</table>

### SCENTED NASAL HOODS - PACK 24

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Small Unscented Grey</td>
<td>£80.00</td>
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<td>Small Outlaw Orange</td>
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<td>Small Sassy Strawberry</td>
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<td>Small Birthday Bubblegum</td>
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<td>33017-12</td>
</tr>
<tr>
<td>Small Groovy Grape</td>
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<td>33017-17</td>
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<tr>
<td>Small Variety Pack (O,B,S)</td>
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<td>33017-1</td>
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<td>Medium Unscented Grey</td>
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<td>33016-10</td>
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<tr>
<td>Medium Sassy Strawberry</td>
<td></td>
<td>33016-11</td>
</tr>
<tr>
<td>Medium Birthday Bubblegum</td>
<td></td>
<td>33016-12</td>
</tr>
<tr>
<td>Medium Pina Colada</td>
<td></td>
<td>33016-13</td>
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<tr>
<td>Medium French Vanilla</td>
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<td>33016-14</td>
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<tr>
<td>Medium Perfect Peach</td>
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<td>33016-15</td>
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<tr>
<td>Medium Fresh Mint</td>
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<td>33016-16</td>
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<tr>
<td>Medium Variety Pack 1 (O,B,S)</td>
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<tr>
<td>Medium Variety Pack 2 (PC,V,O)</td>
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<td>33016-2</td>
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<tr>
<td>Medium Variety Pack 3 (P,M,V)</td>
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<tr>
<td>Large Unscented Grey</td>
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<td>Large French Vanilla</td>
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<td>33015-14</td>
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<tr>
<td>Large Perfect Peach</td>
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<td>33015-15</td>
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<tr>
<td>Large Fresh Mint</td>
<td></td>
<td>33015-16</td>
</tr>
<tr>
<td>Large Variety Pack 3 (P,M,V)</td>
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</tbody>
</table>

### PB TO ACCUTRON ADAPTER

Porter Brown to Accutron nasal hoods adapter. Allows Accutron single nasal hoods - both autoclavable and disposable - to be used with the Porter Brown scavenger system. **£53.00**

### AUTOCLAVABLE NASAL HOODS

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
<th>Code</th>
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<tbody>
<tr>
<td>£52.00 Multi-use Small Autoclavable Nasal Hood (grey)</td>
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<tr>
<td>£52.00 Multi-use Medium Autoclavable Nasal Hood (grey)</td>
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<tr>
<td>£52.00 Multi-use Large Autoclavable Nasal Hood (grey)</td>
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</table>

### SCAVENGING CIRCUIT COMPONENTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Clear Perspex Scavenging Hub</td>
<td>£31.00</td>
<td>22099</td>
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<tr>
<td>Replacement Fresh Gas Y Connector</td>
<td>£24.00</td>
<td>21245</td>
</tr>
<tr>
<td>Replacement White Vacuum Y Connector</td>
<td>£24.00</td>
<td>21246</td>
</tr>
<tr>
<td>Replacement White Single Nasal Hood/tubing Connector (Pack 2)</td>
<td>£11.00</td>
<td>21178</td>
</tr>
<tr>
<td>Replacement Vacuum Control Gauge</td>
<td>£57.00</td>
<td>22122</td>
</tr>
<tr>
<td>Replacement White Double Tube Slide</td>
<td>£16.00</td>
<td>26253</td>
</tr>
<tr>
<td>Replacement White Spiral Vacuum Tube - 1 1/2”</td>
<td>£40.00</td>
<td>25592</td>
</tr>
<tr>
<td>Replacement White Spiral Vacuum Tube - 3 1/2” (Includes Single Vacuum Connector - part no: 26254)</td>
<td>£46.00</td>
<td>25591</td>
</tr>
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</table>

### PORTER BROWN TO ACCUTRON ADAPTER

Porter Brown to Accutron nasal hoods adapter. Allows Accutron single nasal hoods - both autoclavable and disposable - to be used with the Porter Brown scavenger system. **£53.00**

### SCRAVENGING HUB

Replacement Clear Perspex Scavenging Hub. Autoclavable. **£31.00**

### FRESH GAS Y CONNECTOR

Replacement Fresh Gas Y Connector. **£24.00**

### VACUUM Y CONNECTOR

Replacement White Vacuum Y Connector. **£24.00**

### CONNECTORS

Replacement White Single Nasal Hood/tubing Connector (Pack 2). **£11.00**

### VACUUM GAUGE

Replacement Vacuum Control Gauge. **£57.00**

### TUBE SLIDE

Replacement White Double Tube Slide. **£16.00**

### SPIRAL VACUUM TUBE

Replacement White Spiral Vacuum Tube - 1 1/2”. **£40.00**

Replacement White Spiral Vacuum Tube - 3 1/2” (Includes Single Vacuum Connector - part no: 26254). **£46.00**
Diffusion Tube

**NITROUS OXIDE DIFFUSION TUBE**

- Diffusion Tubes for Personal Monitoring of Nitrous Oxide Exposure in the Workplace. The tube is worn close to the breathing zone for up to 8 hours to determine personal exposure levels.
  - Supplied product includes Laboratory Analysis and Report.
  - Tube Dimensions: 6.3mm OD x 5.0mm ID x 90mm long.
- **Per tube:** £65.00

**Important Note:** These items have a very limited shelf life and must be used and returned to the laboratory immediately following use to facilitate efficient analysis. If not used within 5 weeks of receipt, for whatever reasons, the tubes must be returned and a new order placed. No refund can be offered in this circumstance. If tubes are not returned within 6 weeks of issue, there will be an additional charge levied of £60.00 per pen.

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**PULSE OXIMETERS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
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<tbody>
<tr>
<td>NONIN 9600</td>
<td>£1,100.00</td>
</tr>
<tr>
<td>NONIN 2120</td>
<td>£1,350.00</td>
</tr>
</tbody>
</table>

**NONIN 9600**
- Avant Benchtop Unit. 12 hours use with 4 hour recharge or AC/DC Power.
- Includes Adult Finger Sensor, Power Cord & Charger. 3 year warranty on main unit and one year warranty on battery pack.

**NONIN 2120**
- Avant NIBP & Digital Pulse Oximeter. Rugged/Compact Unit. 5 hours minimum use with 4 hour recharge or AC/DC Power. Adult finger Sensor. Adult NIBP Cuff, Power Cord & Charger. 3 year Warranty on Main Unit & Sensor. One Year Warranty on Battery Pack.

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**8000 REUSABLE SENSORS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADULT SENSOR</td>
<td>£152.00</td>
</tr>
<tr>
<td>PAEDIATRIC SENSOR (3)</td>
<td>£152.00</td>
</tr>
</tbody>
</table>

**ADULT SENSOR**
- Nonin Adult Reusable Finger Clip Sensor (3m cable) 3 year warranty.

**PAEDIATRIC SENSOR (3)**
- Nonin Paediatric Reusable Finger Clip Sensor (3m cable) 3 year warranty.

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**8000S SERIES REUSABLE SOFT SILICONE SENSORS**

<table>
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<tr>
<th>Model</th>
<th>Price</th>
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<tbody>
<tr>
<td>NONIN LARGE ADULT</td>
<td>£136.00</td>
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<tr>
<td>NONIN ADULT</td>
<td>£136.00</td>
</tr>
<tr>
<td>NONIN CHILD</td>
<td>£136.00</td>
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**NONIN LARGE ADULT**
- Soft finger sensor - 3 metre cable. 2 year warranty

**NONIN ADULT**
- Soft finger sensor - 3 metre cable. 2 year warranty

**NONIN CHILD**
- Soft finger sensor - 3 metre cable. 2 year warranty

---

**BLOOD PRESSURE CUFFS**

<table>
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<tr>
<th>Model</th>
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<tr>
<td>CHILD CUFF</td>
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<tr>
<td>ADULT CUFF</td>
<td>£22.00</td>
</tr>
<tr>
<td>EXTRA LARGE ADULT CUFF</td>
<td>£26.00</td>
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</tbody>
</table>

**CHILD CUFF**
- Child NIBP Cuff for use with Nonin 2120

**ADULT CUFF**
- Large Adult NIBP Cuff for use with Nonin 2120.

**EXTRA LARGE ADULT CUFF**
- Extra large NIBP Cuff for use with Nonin 2120

**NIBP MONITOR**
- A & D Automatic Digital Blood Pressure Monitor. 3 line display shows Diastolic, Systolic & pulse readings simultaneously. One button action. 5 Year Warranty.
RESUSCITATION AND OXYGEN THERAPY EQUIPMENT

RESUSCITATION EQUIPMENT

GUEDAL AIRWAYS (PACK 4)  RA2038 £10.00
Pack 4 Pro Breathe Guedal Airways. Sizes 1, 2, 3, 4) Sterile. Single Use.

FACEMASK W/ TUBING - BOX  1105.000 £48.00
Box 50 Oxygen Therapy Facemask & Tubing - Adult. Single Use.

NASAL CANNULA - BOX  1161.000 £75.00
Box 50 Oxygen Nasal Cannula & Tubing - Adult. Single Use.

BVM RESUS SET  CP682313 £16.00
(Bag/Valve/Mask) Child 0,1,2

BVM RESUS SET  CP682313N £18.00
(Bag/Valve/Mask) Adult 3,4,5

OXYGEN THERAPY REGULATORS

OXYGEN DIALREG - BN  R1403 £120.00
Oxygen Dialreg - Bullnose Fitting. 0-15 L/min. This regulator is the most suitable one for emergency oxygen use when using an F size Cylinder (capacity 1360 litres).

OXYGEN DIALREG - PI  R14035 £137.00
Oxygen Dialreg - Pin Index Fitting. 0-15 L/min. This regulator is the most suitable one for emergency oxygen use with a E size cylinder (680 litres capacity).

PORTER PPDV  1506-1 £319.00
Positive Pressure Demand Valve with Mask, Hose & Quick Connect.

DEALING WITH MEDICAL EMERGENCIES

“It is essential that all premises where dental treatment takes place have available and in working order: Portable suction apparatus to clear the oropharynx, oral airways to maintain the natural airway, equipment with appropriate attachments to provide intermittent positive pressure ventilation of the lungs and a portable source of oxygen”.

Ref: GDC ‘Maintaining Standards’ Nov 1997 (Rev Nov 2001)

The Porter Oxygen Positive Pressure Demand Valve Resuscitator provides trained individuals with a safe and effective means of delivering 100% oxygen by inhalation, in line with the flow rate demanded by the patient. Supplied with an audible pressure relief valve and sensitive manual ventilation button located on the front of the resuscitator. This helps to ensure a patients airway by enabling both hands to remain on the mask and facilitating a better mask to face seal. The Manual Ventilation Flow Rate is set at 40 L/min in line with the 1992 American Heart Association “Recommendations and Guidelines for Resuscitation”.

During spontaneous respirations, the Demand Valve Resuscitator is designed to provide 100% oxygen to a breathing patients with minimal respiratory effort. The oxygen demand flow being controlled by the patient’s inspiratory effort.
**MEDICAL PIPELINE EQUIPMENT AND REGULATORS**

**CYLINDER MANAGEMENT OPTIONS**

- **WALL BRACKET D/E SIZE**
  - CYB/DE2 £60.00
  - Twin Wall Mounting Bracket - holds two D or E cylinders. W 36cm x D 11cm

- **WALL BRACKET F SIZE**
  - CYB/F2 £62.00
  - Twin Wall Mounting Bracket - holds two F size cylinders. W 43.6cm x D 12.5cm

- **WALL BRACKET G SIZE**
  - CYB/G2 £64.00
  - Twin Wall Mounting Bracket - holds two G size cylinders. W 51.1cm x D 14.6cm

- **WALL BRACKET J SIZE**
  - CYB/J2 £65.00
  - Twin Wall Mounting Bracket - holds two J size cylinders. W 61.4cm x 17cm

- **PORTER OXYGEN TROLLEY**
  - 1538 £185.00
  - Mobile Oxygen Trolley Trolley size E. With adjustable handle and equipment hook.

- **CYLINDER TROLLEY - SIZE E**
  - RA8803 £110.00
  - Mobile Oxygen Trolley size Other sizes available

- **CYLINDER RATCHET KEY**
  - RA2019 £35.00
  - Pin index type.

- **CYLINDER KEY BULLNOSE**
  - RA2020 £8.00
  - Bullnose type.

**MEDICAL GAS SIGNS**

- **GAS SIGNAGE**
  - RA2032 £9.00
  - Compressed Gases Sign - Green Diamond (adhesive for internal use only)

- **GAS SIGNAGE**
  - RA2033 £40.00
  - Compressed Gases Sign - Rigid Plastic (for internal or external use)

**MEDICAL GAS REGULATORS**

- **OXYGEN - BULLNOSE**
  - R1610 £124.00
  - Oxygen Single Stage Regulator - Bullnose Fitting. For use with F or G cylinders.

- **OXYGEN - PIN INDEX**
  - R14015 £124.00
  - Oxygen Single Stage Regulator - Pin Index Fitting. For use with J cylinders.

- **OXYGEN BN W/SCHRADER**
  - R1601/SCH £149.00
  - Oxygen Single Stage Regulator w/Schrader Valve - Bullnose fitting.

- **OXYGEN PI W/SCHRADER**
  - R14015/SCH £180.00
  - Oxygen Single Stage Regulator w/Schrader Valve - Pin Index Fitting.

- **NITROUS OXIDE REGULATOR**
  - R160N £120.00
  - Nitrous Oxide Single Stage Regulator.

- **NITROUS OXIDE W/SCHRADER**
  - R1601/SCH £173.00
  - Nitrous Oxide Single Stage Regulator w/Schrader Valve.

**OXYGEN THERAPY FLOWMETER**

- **OXYGEN FLOWMETER**
  - 6505 £80.00
  - Oxygen Flowmeter with BOC Probe. 0-15 L/Min Flowrate.

- **RAIL SYSTEM**
  - RO500 £30.00
  - Oxygen Flowmeter mounting rail 500mm c/w end caps. Extruded aluminium. Anodized silver finish.

- **END CAP**
  - R1000A £4.00
  - Rail end cap only.

- **RAIL CLAMP**
  - R1301 £19.00
  - Rail clamp only 22mm for rail system.

- **OXYGEN SLOW RELEASE PROBE**
  - 00SRV01 £75.00
  - Only supplied as part of a complete hose assembly.

- **NITROUS OXIDE S R PROBE**
  - 00SRV2 £75.00
  - Only supplied as part of a complete hose assembly.

**TO ORDER CALL: +44 (0) 1535 652444**
Oxygen Cylinders: The colour coding of the shoulders of compressed medical oxygen cylinders is white (RAL 9101). The colour coding of the cylinder body is now also white (RAL 9101). In addition, cylinders will carry the oxygen name on the body. For a limited period, some cylinders in circulation may still have black bodies, as shown in the box opposite. The programme to convert all compressed medical oxygen cylinders to white bodies will be completed by 2025.

Nitrous Oxide Cylinders: No change to colour coding anticipated.

Cylinder Bar Pressure: Please be aware that only oxygen medical gas cylinders filled to a maximum of 137 Bar should be used with Inhalation Sedation Equipment. Important Notice: There are some cylinders in circulation which have been pressurised to 200 Bar - these are not suitable and should not be used. Any use of these 200 Bar cylinders will invalidate service or equipment warranty in place. For further information please contact Customer Services.

MEDICAL GAS CYLINDER CARE & STORAGE

1. Cylinders should be stored in a secure, weatherproof and well-ventilated area.
2. Cylinders should be secured by means of brackets or chains. E or D size cylinders may be stored horizontally.
3. The store should have an adequate means of access, to facilitate delivery and collection of cylinders.
4. The storage area should be clearly identified i.e. by use of compressed gases warning signage. The emergency services should be informed of cylinder store location.
5. So far as is practical, lighting and electrical equipment should be sited in a safe position, remote from the cylinder storage.
6. Lubricants should be avoided. Only lubricants that are especially made for oxygen service and specified by the equipment supplier should be used.
7. When handling oxygen cylinders, always ensure that hands are clean and free from oil or grease. Alternatively, use clean gloves.
8. Medical Gas Pressure Reducing Regulators should be handled with care and replaced every 6 years - sooner if worn or damaged.
9. Separate or identify full, empty and faulty cylinders.

References: Take care with oxygen HSE (Rev 2) & HTM 02-01.
PAYMENT TERMS, CONDITIONS OF SALE & HOW TO PAY

CONDITIONS OF SALE

Minimum Order Charge: £20.00.

All prices quoted are exclusive of VAT, Carriage and Packaging. Prices charged will be those ruling at the date of receipt of order. Occasionally, it may be necessary to raise prices from list and the customer will be informed of any change prior to goods being despatched.

Orders will be accepted by post, fax, email or telephone but must be accompanied by a named person or purchase order number.

R A Medical Services must be notified within 3 working days of any shortages, damaged or incorrect goods.

The right is reserved to charge up to 50% of the total invoice inclusive of carriage charges for orders cancelled or returned for any of the following reasons:

1. Once a verbal or written order has been received and progression has commenced.

2. Once an order has been despatched.

3. If the goods have been received and subsequently it is determined they are not required and are returned to R A Medical Services.

4. If the wrong description or order code has been given and goods are despatched.

HOW TO ORDER

Orders will be accepted by the following methods:

By Post: Holmes House, Skipton Road, Steeton, Keighley, West Yorkshire. BD20 6SD

By Telephone: +44 (0) 1535 652444

By Fax: +44 (0) 1535 653333

By Email: info@ramedical.com

Please note: If a Purchase Ordering scheme is required for invoicing purposes, then only orders accompanied by a valid purchase order will be accepted.

HOW TO PAY

BACS* (R A Medical Services Ltd)
Barclays Bank, Keighley Branch, Sort Code: 20-45-14
Account no: 40691666
IBAN: GB95BARC20-45140691666
SWIFT Code: BARCGB22

Cheque: Please make cheques payable to: R A Medical Services Ltd and write invoice number on the reverse

Credit Card: This service is now available. Please ring Customer Services for further details. A small additional charge may apply.

Finance: Easy Payment Terms may be available. Please contact Customer Services to ask for further details.

* BACS is the preferred method of payment.

PAYMENT TERMS:

For Initial Orders: Payment is required by Pro Forma Payment.

Account Customers: Payment must be made within the stated terms. Statements are only issued by request, so payment should be made on the original invoice. Failure to do so may result in interest being charged.

All goods and services remain the property of R A Medical Services Ltd until paid for in full.

R A Medical Services reserve the right to change or alter product design and/or specification prior notice or warning.