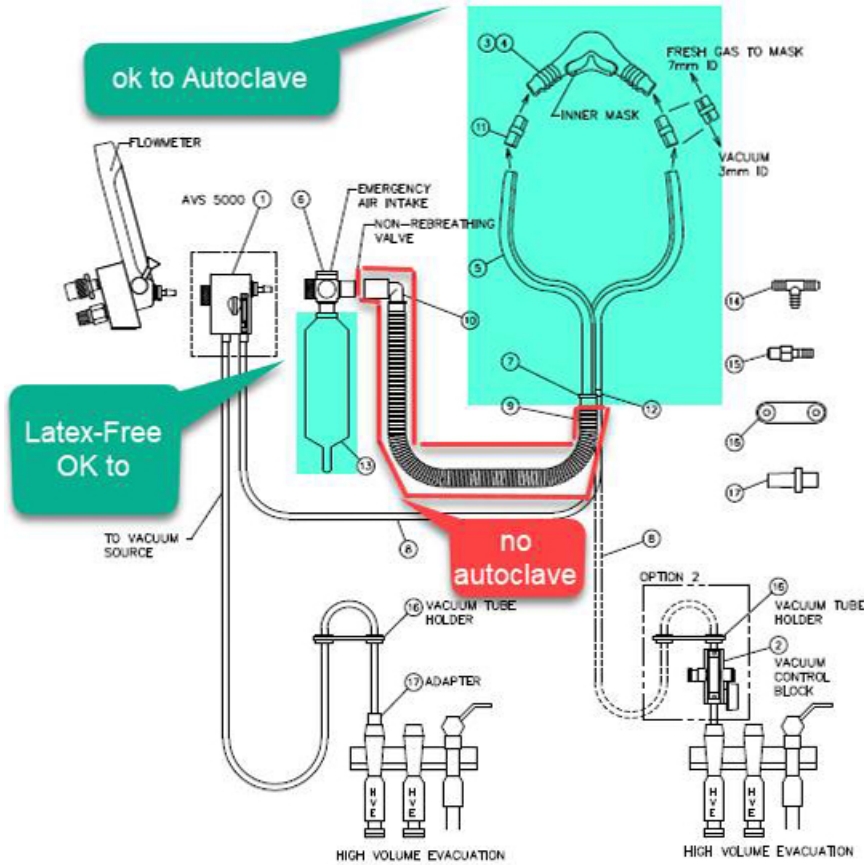


PORTER Breathing Circuit Sterilization

NITROUS OXIDE CONSCIOUS SEDATION DELIVERY SYSTEM



To Autoclave The Porter Breathing Circuit and Bag

1. Remove (gray) breathing circuit tubing from coregated (gray or black) mixed gas tubing (7). **Corroated mixed gas tubing (9) cannot be autoclaved.** The corroated mixed gas tubing can be cleaned with warm soap and water.
2. Remove main breathing circuit tubing (5) from connection piece (11).
3. Remove connection piece (11) from both sides of the outer mask (4).
4. Remove inner mask from outer mask.
5. Remove breathing bag (13) if necessary.
6. Autoclave all pieces separately.

❖ Please ask your dental dealer or local Porter representative for information on the Porter Silhouette disposable breathing circuit for an easier disinfection experience.
1-888-723-4001 / PorterNitrous@Parker.com



*NOTE: The following items are **not autoclaveable**:
 Fresh Gas Tubing, 3L Latex Bags and Vacuum Control Valves.

Recommended Cleaning and Sterilizing			
Product	Nasal Hood and Liners	Coaxial Hoses*	Latex-free 2L and 3L Bag*
Frequency	After every patient.	Once a week	Once a week
Cleaning	<p>Recommended: Wash in warm water with a mild detergent. Proceed to sterilization step.</p> <p>Alternate Method: A thermal washer-disinfector may be used instead of warm soap and water. Proceed to sterilization step. (A washer-disinfector is <u>not</u> a substitute for sterilization, as it does not provide the same reduction in microbial contamination levels as sterilization.)</p> <p>Alternate Method: An ultrasonic cleaner may be used. Generally only required when dealing with blood or heavy bioburden. Proceed to sterilization step.</p> <p>Required: Rinse with water then follow the recommended <u>Sterilization</u>.</p>		
Sterilize	<p>Steam Autoclave: bag or wrap. 134°C to 137°C for 3 minutes minimum; or bag or wrap. 121°C to 123°C for 15 minutes minimum</p> <p>Chemical Vapor Sterilizer: Let cleaned items dry completely then sterilize on any cycle recommended by the sterilizer manufacturer.</p> <p>Dry Heat Sterilization and Chemical Disinfectants should not be used!</p>		

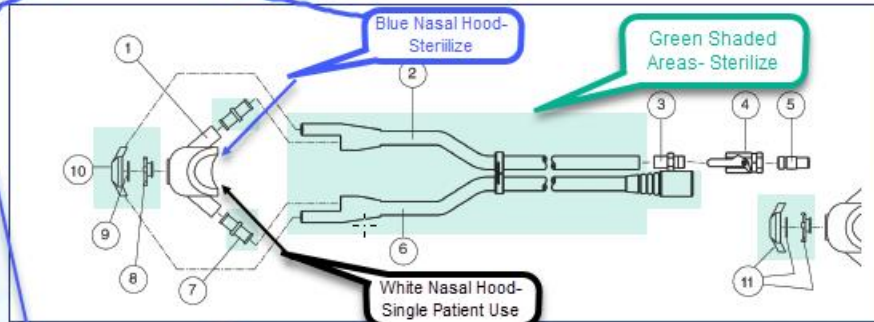
- ❖ In the event there is concern with cross contamination between patients, the Porter Breathing Circuit and Latex-Free bags can be autoclaved after each patient.
- ❖ Please ask your dental dealer or local Porter representative for information on the Porter Silhouette disposable breathing circuit for an easier disinfection experience.
 1-888-723-4001 / PorterNitrous@Parker.com



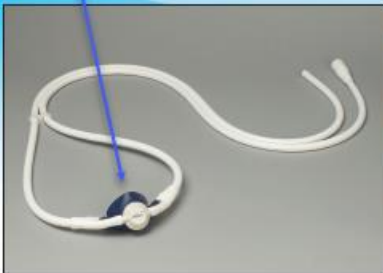


Breathing Circuit Cleaning and Sterilization Procedure

Matrix Scavenger Parts Sterilization Checklist



ITEM	PART NO.	DESCRIPTION	RETAIL
1	91515094	Pediatric Autoclavable Nasal Hood	\$91
1	91515095	Medium Autoclavable Nasal Hood	\$91
1	91515096	Large Autoclavable Nasal Hood	\$91
2	91515202	Replacement Vacuum Tubing	\$121
3	91515158	Replacement Vacuum Nipple (small orifice)	\$30
4	91515159	Replacement Shut-off Valve	\$72
5	91515205	Replacement Vacuum Adapter	\$15
6	91515203	Replacement Gas Tubing w/slide	\$121
7	91515201	Replacement Hood/Hose Connector (2/pk)	\$25
8	91515207	Replacement Cage Valve	\$43
9	91515162	Replacement Non-Breathing Valve (5 pk)	\$15
10	91515208	Replacement Matrix Scavenger Cone	\$56
11	91515177	Replacement Matrix Scavenger Cone Assembly	\$95



Section 4 Changing the Hood

1. Hold the nasal hood in one hand.
2. With your other hand, gently pull the scavenging cone from the hood.
3. Disconnect the long sections of the gas Y and the vacuum Y from the hard plastic cone.
4. Pinching the gas Y just behind the hose connector, work the hood free from the gas Y. Repeat for the vacuum Y. These procedures leave the hose connectors connected to the Ys. See Figure 5.

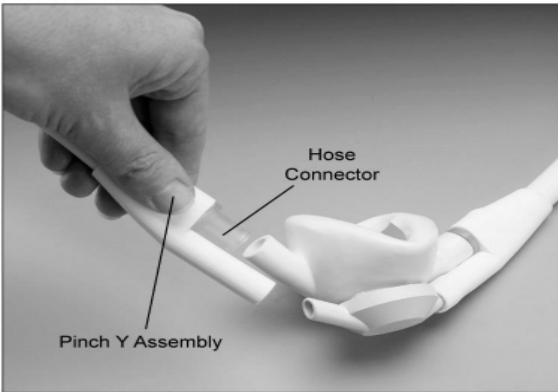


Figure 5. Removing the Y from the Hood

5. Remove the hood from the scavenging cone.
6. Turn the *new* hood upside down. Place your thumbs inside the hood.

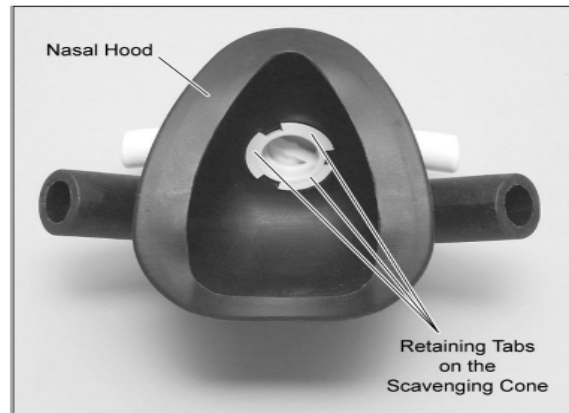


Figure 6. Correctly Seating the Cone in the Hood

7. Gently stretch the hole in the hood over the retaining tabs on the scavenging cone. When the cone is seated in the nasal hood properly, three segments of the cone base are visible inside the nasal hood. See Figure 6.
8. Note the natural bend of the long tubing sections of the gas Y and the vacuum Y. Use this bend as a guide to determine a natural fit to the left and the right sides of the hood and cone assembly.
9. Pinching the hose connector in the gas Y, insert it into the hood fully. Repeat for the vacuum Y.
10. Connect the long sections of the Y pieces to the two ports on the scavenging cone.

Section 5 Cleaning Instructions

You can autoclave all Matrix Scavenger components, except the components of the vacuum shutoff valve and the scavenging control valve. To ensure proper cleaning, follow the directions below.

CAUTION

When autoclaving the Matrix Scavenger components, Parker recommends following the specific protocol of the service provider of the sterilizer manufacturer. You can use temperatures consistent with silicone, Ultem (polyetherimide), and polysulfone, that is, in the temperature range from 120°C (248°F) to 134°C (274°F).

1. Remove the vacuum Y from the hood and cone. Remove the tubing from the vacuum nipple.

NOTE

Do not unthread the vacuum nipple from the shutoff valve or the scavenging control valve.

2. Remove the fresh gas Y from the hood. Remove the tubing from the fresh gas outlet of the gas mixing apparatus.
3. Wash each tube with a mild alkali detergent.
4. Wash the scavenging cone system with a mild alkali detergent. Run a soft bristle brush around the inside of the cone to remove any debris. If necessary, you can detach the cone from the cage by bending the pinch bar back and turning clockwise (see Figure 7).

CAUTION

Do not autoclave "white" single-use nasal hoods, the vacuum nipple, the vacuum adapter, the vacuum shutoff valve, or the scavenger control valve.

5. Autoclave all parts not included in the CAUTION above. Use autoclavable protocol.

Section 6 Assembly after Cleaning

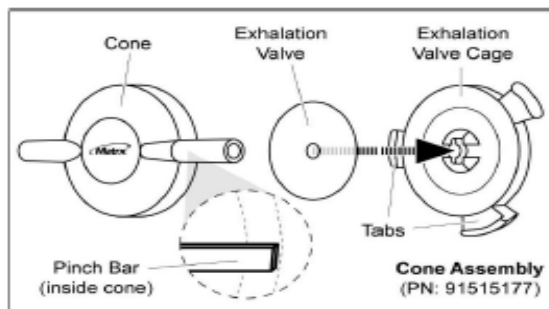


Figure 7. Assembling the Cone

1. Attach the exhalation valve to the exhalation valve cage (see Figure 7).
2. With the exhalation valve facing the cone, insert the assembled exhalation valve and exhalation valve cage into the cone.
3. Turn the cage counterclockwise.
4. Continue turning until the tabs engage and the pinch bar snaps closed. When completely engaged, the cone and the cage cannot disengage.

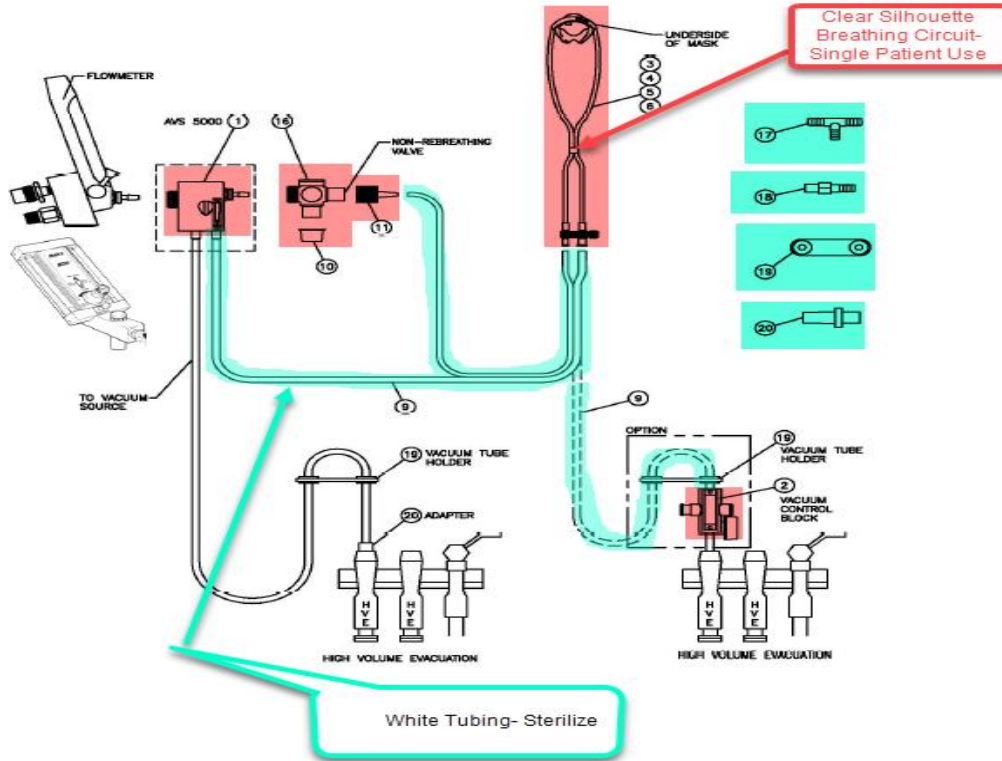
5. Turn the hood upside down. Place your thumbs inside the hood.
6. Gently stretch the hole in the hood over the retaining tabs on the scavenging cone. When the cone is seated in the nasal hood properly, three segments of the cone base are visible inside the nasal hood. (see Figure 6).
7. Note the natural bend of the long tubing sections of the gas Y and the vacuum Y. Use this bend as a guide to determine a natural fit to the left and right sides of the hood and cone assembly.
8. Pinching the hose connector in the gas Y (Figure 5), insert it into the hood fully. Repeat for the vacuum Y.
9. Connect the ling section of the Y pieces to the two ports on the scavenging cone.
10. Attach the free end of the fresh gas tubing to the analgesia head.
11. Attach the free end of the vacuum tubing to the vacuum nipple on the vacuum shutoff valve or on the scavenging control valve.

- ❖ Please ask your dental dealer or local Porter representative for information on the Porter Silhouette disposable breathing circuit for an easier disinfection experience.
- ❖ 1-888-723-4001 / PorterNitrous@Parker.com



Silhouette Connection Kit Tubing Disinfection

NITROUS OXIDE CONSCIOUS SEDATION DELIVERY SYSTEM



Recommended Methods for Cleaning Silhouette Products

Silhouette Products are shipped Contents Not Sterile.

Dispose (No Cleaning): Silhouette Disposable Circuit [Disposable Section is Single Use Only]

Cleaning Only (Not Autoclaveable):

Connector Kit [SIL-CONN-KIT] components Cap and Adapter, and accessory Vacuum Control Valves [5501-RK]. Use approved disinfectant for the dental environment; warm water wash.

Cleaning and Sterilizing: See table below

Recommended Methods for Cleaning and Sterilizing Silhouette Products		
Product	Silhouette Sizers (SIL-SIZER-4)	Connector Kit [SIL-CONN-KIT] Reusable Hoses (B-5581-001)
Frequency	After every patient.	Once a week
1 Cleaning (First Step)	Recommended: Wash in warm water with a mild detergent. Proceed to sterilization step.	
2 Sterilize (Second Step)	<p>Do not use Silhouette original packaging to sterilize Sizers or Reusable Tubing. Use sterilizer manufacturer's recommendations for sterilization packaging, adequate for sterilization by steam. The user is responsible for any sterilization analysis of equipment used to sterilize Silhouette products.</p> <p>Steam Autoclave: unwrapped, wrapped, or bag (pouch) 134°C to 137°C for 3 minutes minimum; or unwrapped, wrapped, or bag (pouch) 121°C to 123°C for 15 minutes minimum</p> <p>For unwrapped loading: Load product into sterilizer (without using wrapping packaging or cassette) on to standard sterilizer rack or simple sterilizer tray. This method of loading is adequate for steam sterilization.</p> <p>For wrapped or bag (pouch) loading: Load product into bag or wrap packaging according to sterilizer instructions. Assure that the packaging is adequate for steam sterilization.</p> <p>⚠ Warning: Dry Heat Sterilization and Chemical Disinfectants should not be used! Disinfectants do not provide the same reduction in microbial contamination levels as sterilization. These techniques can leave a residue on the Sizer that can irritate or even chemically burn the patient's skin or mucous membranes if the Sizer is not rinsed thoroughly with clean water.</p>	

**Silhouette
Low Profile
Nasal Mask**



Change your view of nitrous oxide.



Traditional nasal mask

The Silhouette mask is available in 4 sizes: Pedro, Small, Medium and Large resulting in a perfect fit for all of your patients.

- **Low profile**
- **Unobstructed access**
- **Single patient use**
- **Scavenging efficiency**
- **Predictable experience**
- **Adheres to nose**

Silhouette Low Profile Nasal Mask (Continued)

Try this exciting new product by ordering a Flowmeter Connection Kit and Variety Pack



SIL-CONN-KIT	Flowmeter Connection Kit (order one for each flowmeter) Includes: Cannula Adapter, Breathing Bag Cap, 6.5' Fresh Gas/Vacuum Tubing, 4 Color Coded Sizer Masks, and Clip	\$59
SIL-VAR-4X3	Variety 12 Pack: 3 of each size - Pediatric, Small, Medium, Large	\$157

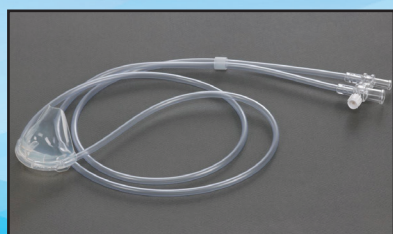


SIL-PEDO-12	Pediatric Silhouette – 12 Pack	\$157
SIL-SM-12	Small Silhouette – 12 Pack	\$157
SIL-MED-12	Medium Silhouette – 12 Pack	\$157
SIL-LG-12	Large Silhouette – 12 Pack	\$157
SIL-PEDO-24	Pediatric Silhouette – 24 Pack	\$299
SIL-SM-24	Small Silhouette – 24 Pack	\$299
SIL-MED-24	Medium Silhouette – 24 Pack	\$299
SIL-LG-24	Large Silhouette – 24 Pack	\$299



Buy in bulk and save even more – order a 144-pack for \$1696 (a \$188 savings!)

Silhouette Parts



SIL-SIZER-4	Silhouette Sizer Masks - Color Coded - 1 For Each Size (included w/ SIL-CONN-KIT)	\$22
B-5581-001	Fresh Gas and Vacuum Tubing , 3/8 + 1/4 X 78" (included w/ SIL-CONN-KIT)	\$44
SIL-ADPT- KIT	3 Pack Adapter Kit, Canula Adapter, Clip w/ Strap, Bag Tee Cap	\$23
B-5603-005	Cannula Adapter (5)	\$12
PA-1630-005	Plastic Strap w/ Clip (5)	\$11
62905510W5	Bag Tee Cap (5)	\$11
1585	15mm to 22mm Right Angle Adapter	\$14
1571-22	22mm Right Angle Adapter	\$31



Porter MXR with SIL-CONN-KIT



"Fixed" Bag Tee Style Flowmeter with SIL-CONN-KIT

View videos and additional information at: www.porterinstrument.com/silhouette

Porter Breathing Circuits and Vacuum Control



PORTER BREATHING CIRCUITS WITH ADULT HOOD

5155-3AV

Porter Adult Breathing Circuit w/ AVS \$1,068

5155-1

Porter Adult Breathing Circuit w/ In-Line Vacuum Control \$764

5155-3

Porter Adult Breathing Circuit – No Vacuum Control \$648



PORTER BREATHING CIRCUITS WITH PEDIATRIC HOOD

5155-4AV

Porter Pediatric Breathing Circuit w/ AVS \$1,068

5155-2

Porter Pediatric Breathing Circuit w/ In-Line Vacuum Control \$764

5155-4

Porter Pediatric Breathing Circuit – No Vacuum Control \$648

**Order 4100-3NL or 4100-2NL Breathing Bag Separate (see page 46)*

PORTER VACUUM CONTROLS

AVS-5000

Automatic Vacuum Switch \$521

AVS-5000S

Automatic Vacuum Switch w/ Swivel Mount \$561

AVS-5000QD

Automatic Vacuum Switch w/ Quick Disconnect \$521

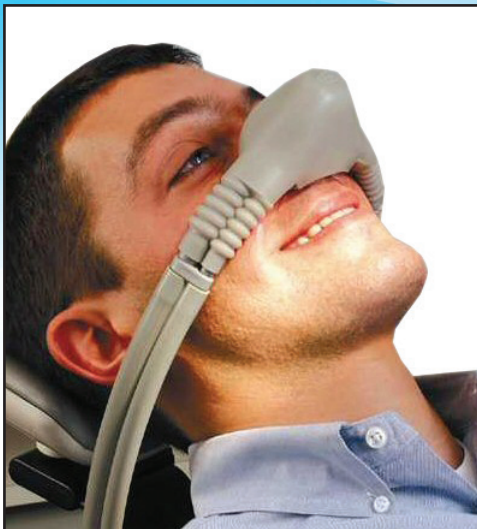
5501-RK

In-Line Vacuum Control \$121



P1407QD Bag Tee not included – order separately

Porter Nasal Hoods



PORTER AUTOCLAVABLE NASAL HOODS

ADULT

5054A

Porter Adult Double Mask Hood Kit w/ 3 Inner Mask Liners \$300

5054C

Porter Adult Double Mask w/ 1 Inner Mask Liner \$267

5054-1

Porter Adult Inner Mask Liners (3) \$62

PEDIATRIC

5054B

Porter Pediatric Double Mask Hood Kit w/ 3 Liners \$300

5054D

Porter Pediatric Double Mask Hood Kit w/ 1 Liner \$267

5054-2

Porter Pediatric Inner Mask Liners (3) \$62

PORTER DISPOSABLE NASAL HOODS

ADULT

5053AD12

Porter Adult Disposable Liners (12) \$44

5053AD12C

Porter Adult Disposable Liners – Citrus (12) \$44

5053AD144

Porter Adult Disposable Liners (144) \$498

5053AD144C

Porter Adult Disposable Liners – Citrus (144) \$498

PEDIATRIC

5053PD12

Porter Pediatric Disposable Liners (12) \$44

5053PD12C

Porter Pediatric Disposable Liners – Citrus (12) \$44

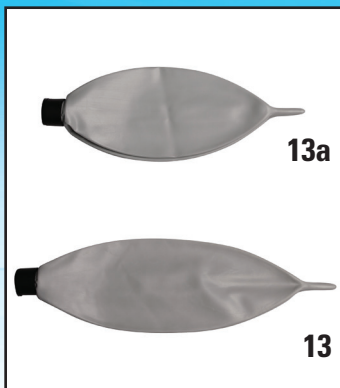
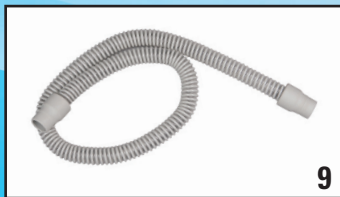
5053PD144

Porter Pediatric Disposable Liners (144) \$498

5053PD144C

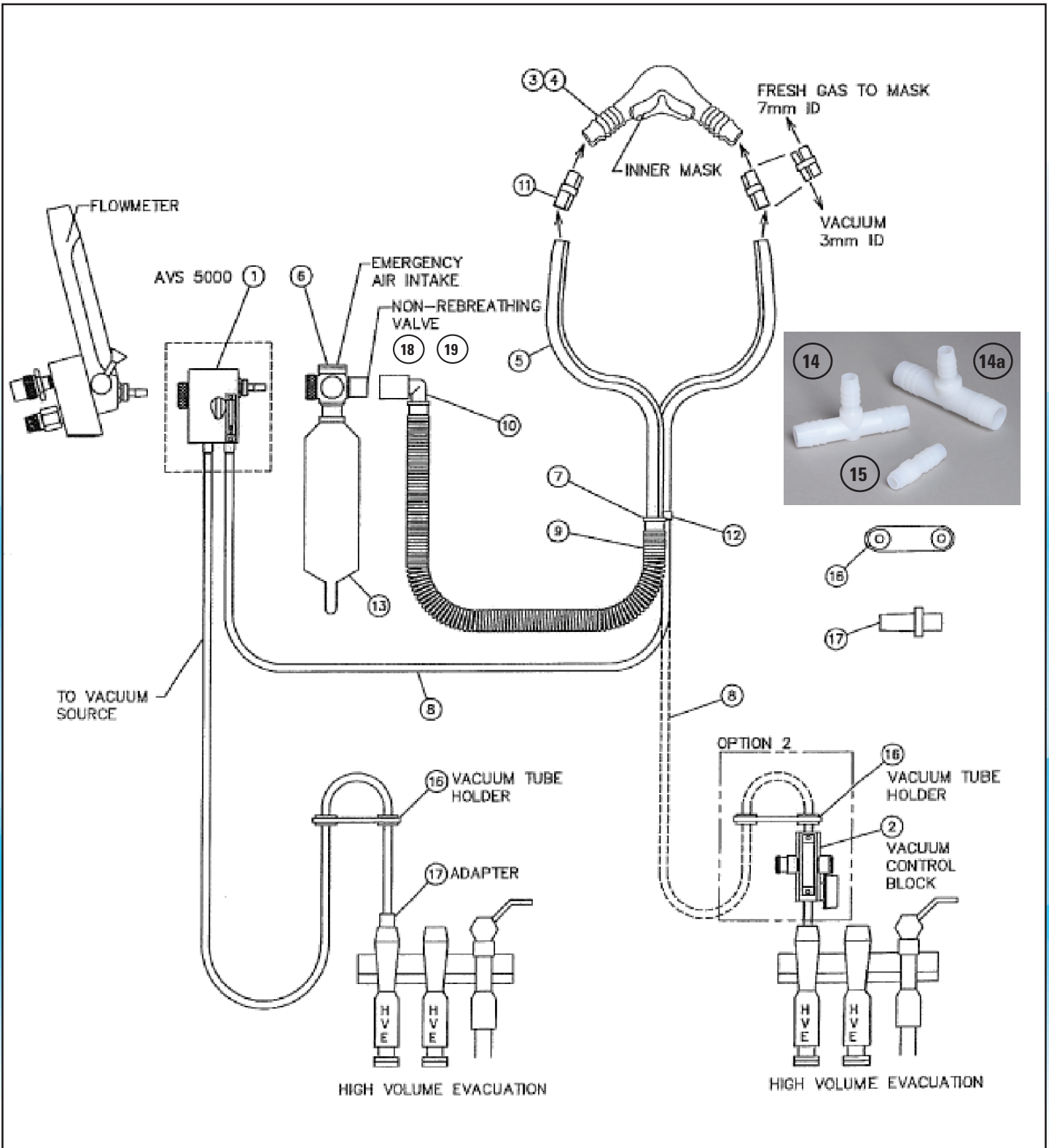
Porter Pediatric Disposable Liners – Citrus (144) \$498

Porter Breathing Circuit Accessories And Parts



ITEM	PART NO.	DESCRIPTION	RETAIL
1	AVS-5000	Automatic Vacuum Switch (AVS)	\$521
2	5501-RK	In-Line Vacuum Control Block Kit	\$121
3	5054A	Porter Adult Hood Kit w/ 3 Liners	\$300
3a	5054C	Porter Adult Hood Kit w/ 1 Liner	\$267
4	5054B	Porter Pedit Hood Kit w/ 3 Liners	\$300
4a	5054D	Porter Pedit Hood Kit w/ 1 Liners	\$267
*	5066	Porter Hood Inner Liner Flapper Valve (3)	\$27
5	5056	Coaxial Tubing – set of 2 (27")	\$230
5a	5057	Coaxial Tension Slide Adjuster	\$24
6	P1407A	Porter Bag Tee	\$265
6a	P1407QD	Porter Quick Connect Bag Tee	\$337
6b	P2407A	Porter Oral Surgery Flowmeter Threaded Bag Tee	\$349
7	5058	Fresh Gas "Y" Connector	\$27
8	5059	Vacuum Hose 8ft. (3/8" ID, 5/8" OD)	\$51
8a	PA-679-000	Vacuum Hose Per Foot	\$9
9	5060-3	Fresh Gas Corrugated Tubing 3ft. (22mm ID, 7/8" OD)	\$48
9a	5060-6	Fresh Gas Corrugated Tubing 6 ft. (22mm ID, 7/8" OD)	\$75
10	1571-22	22mm Right Angle Flowmeter Adapter	\$31
10a	1570-24	24mm Right Angle Flowmeter Adapter	\$44
11	5061	Mask to Tubing Plastic Connectors (Set of 2)	\$32
12	5062	Vacuum Hose "Y" Connector	\$29
13	4100-3NL	3 Liter Bag, Non-Latex	\$47
13a	4100-2NL	2 Liter Bag, Non-Latex	\$47
14	5063	1/2" with 3/8" T Adapter	\$14
14a	5068	5/8" with 3/8" T Adapter	\$14
15	5064	3/8" w/ 1/8" NPT Straight Adapter	\$14
16	5065	Vacuum Tube Holder	\$27
17	A-3679-000	HVE Adapter, Black, 3/4" Round (VAC/MASK)	\$33
18.	A-4297-000	Porter Flapper Valve Assembly	\$33
19.	4650	Porter Exhalation Flapper Valve Only	\$14

Porter Breathing Circuit Accessories And Parts



Matrx Breathing Circuits, Nasal Hoods, and Vacuum Control



Matrx Scavenger -

W/3-Liter Breathing Bag and Scavenger Control Valve

82501	Matrx Scavenger Adult	\$796
82502	Matrx Scavenger Medium	\$796
82503	Matrx Scavenger Pediatric	\$796

Matrx Scavenger - W/3-Liter Breathing Bag

82504	Matrx Scavenger Adult	\$589
82505	Matrx Scavenger Medium	\$589
82506	Matrx Scavenger Pediatric	\$589

Matrx Scavenger Assemblies Only

91515192	Matrx Scavenger Adult	\$540
91515193	Matrx Scavenger Medium	\$540
91515194	Matrx Scavenger Pediatric	\$540



Matrx Scavenger Without Hood

91515197	Matrx Scavenger w/out Hood	\$433
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Autoclavable Nasal Hoods - Matrx Scavenger

91515096	Adult Nasal Hood Only	\$91
91515095	Medium Nasal Hood Only	\$91
91515094	Pediatric Nasal Hood Only	\$91



Quick Connect Vacuum Hose Adapter

92515063	Quick Connect Hose	\$105
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For Connecting Scavenger + \$4/ft. to Vacuum Outlet: Ohio QC x 1/4" NPT

Miscellaneous Replacement Parts

4100-3NL	3-Liter Breathing Bag NON-LATEX	\$47
4100-2NL	2-Liter Breathing Bag NON-LATEX	\$47

Matrx Scavenger Control Valves



91515083	For MDM/RA	\$285
77000963	Replacement Knob	\$43

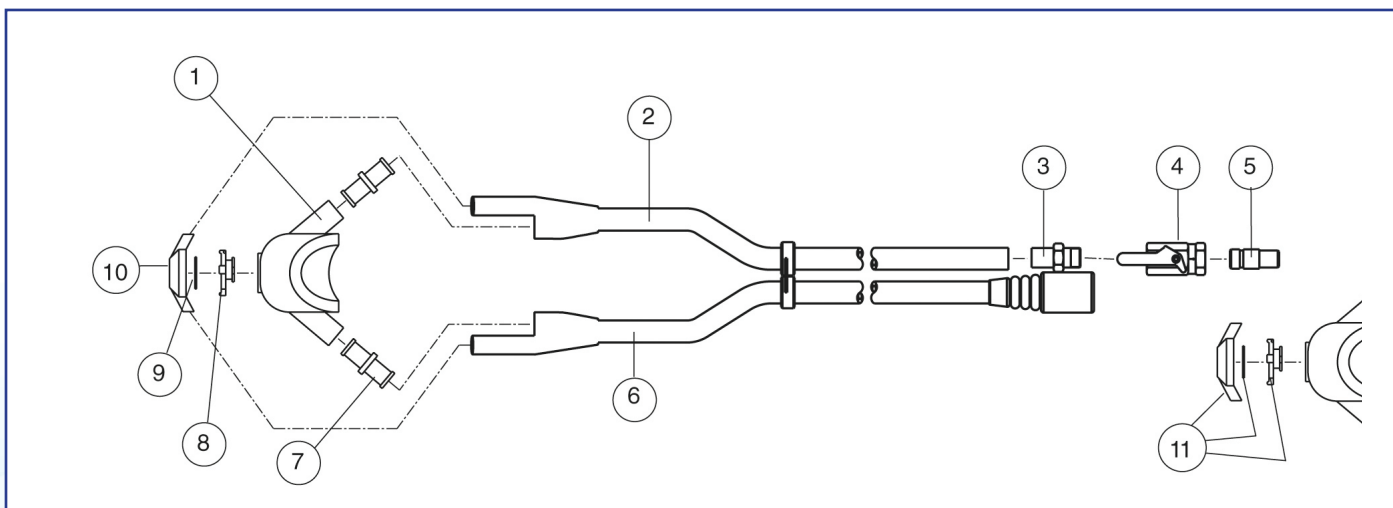
91525109	For Digital MDM	\$275
77000961	Replacement Knob	\$56

91515085	With Ohio Quick-Connect Adapter	\$340
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91515086	For Cabinet Mounting	\$275
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Matrix Scavenger Parts



ITEM	PART NO.	DESCRIPTION	RETAIL
1	91515094	Pediatric Autoclavable Nasal Hood	\$91
1	91515095	Medium Autoclavable Nasal Hood	\$91
1	91515096	Large Autoclavable Nasal Hood	\$91
2	91515202	Replacement Vacuum Tubing	\$121
3	91515158	Replacement Vacuum Nipple (small orifice)	\$30
4	91515159	Replacement Shut-off Valve	\$72
5	91515205	Replacement Vacuum Adapter	\$15
6	91515203	Replacement Gas Tubing w/slide	\$121
7	91515201	Replacement Hood/Hose Connector (2/pk)	\$25
8	91515207	Replacement Cage Valve	\$43
9	91515162	Replacement Non-Breathing Valve (5 pk)	\$15
10	91515208	Replacement Matrix Scavenger Cone	\$56
11	91515177	Replacement Matrix Scavenger Cone Assembly	\$95



Matrx DynoMite Single-Use Nasal Hoods

The only scented, single-use nasal hoods that come packaged with a colorful cartoon sticker.

- 3 size options and 5 scent options
- Universal adapter available

DynoMite 24 Pack w/ Canister

91316482	Bubble Gum Small	\$111
91316519	Bubble Gum Medium	\$111
91316489	Bubble Gum Large	\$111
91316483	Strawberry Small	\$111
91316520	Strawberry Medium	\$111
91316490	Strawberry Large	\$111
91316484	Orange Small	\$111
91316521	Orange Medium	\$111
91316491	Orange Large	\$111
91316485	Vanilla Small	\$111
91316522	Vanilla Medium	\$111
91316492	Vanilla Large	\$111
91316486	Plain Small	\$111
91316523	Plain Medium	\$111
91316493	Plain Large	\$111
91316487	Assorted Scents Small	\$111
91316524	Assorted Scents Medium	\$111
91316494	Assorted Scents Large	\$111
91316495	Assorted Scents Various	\$111

Universal Conversion Kit

91515142	DynoMite Nasal Hood	\$87
	Universal Conversion Kit	
	Easily retrofit Porter, Accutron and Belmed breathing circuits to use Matrx Dynomite nasal hoods.	



91515142

DynoMite 12 Pack Bag

91316496	Bubble Gum Small	\$54
91316503	Bubble Gum Medium	\$54
91316510	Bubble Gum Large	\$54
91316497	Strawberry Small	\$54
91316504	Strawberry Medium	\$54
91316511	Strawberry Large	\$54
91316498	Orange Small	\$54
91316505	Orange Medium	\$54
91316512	Orange Large	\$54
91316499	Vanilla Small	\$54
91316506	Vanilla Medium	\$54
91316513	Vanilla Large	\$54
91316500	Plain Small	\$54
91316507	Plain Medium	\$54
91316514	Plain Large	\$54
91316501	Assorted Scents Small	\$54
91316508	Assorted Scents Medium	\$54
91316515	Assorted Scents Large	\$54
91316516	Assorted Scents Various	\$54

DynoMite 24 Pack Bag

91316461	Bubble Gum Small	\$104
91316468	Bubble Gum Medium	\$104
91316475	Bubble Gum Large	\$104
91316462	Strawberry Small	\$104
91316469	Strawberry Medium	\$104
91316476	Strawberry Large	\$104
91316463	Orange Small	\$104
91316470	Orange Medium	\$104
91316477	Orange Large	\$104
91316464	Vanilla Small	\$104
91316471	Vanilla Medium	\$104
91316478	Vanilla Large	\$104
91316465	Plain Small	\$104
91316472	Plain Medium	\$104
91316479	Plain Large	\$104
91316466	Assorted Scents Small	\$104
91316473	Assorted Scents Medium	\$104
91316480	Assorted Scents Large	\$104
91316481	Assorted Scents Various	\$104

