

PORTER

PRODUCTS AND PARTS CATALOG JAN 2013



PORTER

245 Township Line Road
Hatfield, PA 19440 USA
Phone: 215-723-4000
Fax: 215-723-2199

POLICIES

- PRICES** ALL PRICES ARE F.O.B. HATFIELD, PA, AND SUBJECT TO CHANGE WITHOUT NOTICE. ALL MERCHANDISE WILL BE INVOICED AT PRICES IN EFFECT AT TIME OF SHIPMENT. PRICES DO NOT INCLUDE INSURANCE, FREIGHT, TAXES OR SPECIAL HANDLING. THESE CHARGES, IF APPLICABLE, WILL BE SHOWN SEPARATELY ON INVOICE. **MINIMUM ORDER \$60.00**
- PAYMENT TERMS** NET 30 DAYS AFTER INVOICE DATE. ALL INVOICES PAST DUE ARE SUBJECT TO A FINANCE CHARGE OF 1 1/2 % PER MONTH. (18% ANNUAL RATE).
- SHIPMENTS** SHIPMENT OF MERCHANDISE SHALL AT ALL TIMES BE SUBJECT TO CREDIT APPROVAL AND WILL BE CONTINGENT UPON FIRES, ACCIDENTS, EMERGENCIES, ACTS OF GOD OR ANY OTHER CAUSES WHICH ARE BEYOND PORTER INSTRUMENT DIVISION'S CONTROL.
- CANCELLATIONS** NO CANCELLATIONS WILL BE ACCEPTED ON NON-STANDARD OR SPECIAL MERCHANDISE, EXCEPT BY PAYMENT OF FULL PURCHASE PRICE. IF BUYER REQUESTS CANCELLATION OF ANY ORDER OR PART THEREOF, AND IS AGREED TO BY PORTER INSTRUMENT DIVISION IN WRITING, BUYER WILL BE SUBJECT TO CANCELLATION CHARGES TO COVER THE COST OF MATERIAL AND/OR FABRICATION INCURRED BY PORTER INSTRUMENT DIVISION TO DATE OF CANCELLATION.
- CHANGES OF ORDER** A MINIMUM OF 90 DAYS NOTICE IS REQUIRED ON ALL CHANGES TO ORDERS AND WILL BE SUBJECT TO RE-SCHEDULING AS A NEW ORDER AT PORTER INSTRUMENT DIVISION'S DISCRETION
- RETURNS** NO RETURNS WILL BE ACCEPTED UNLESS AUTHORIZED IN WRITING BY PORTER INSTRUMENT DIVISION, AND ACCOMPANIED BY A PROPERLY COMPLETED RETURN GOODS AUTHORIZATION. ALL RETURNS ARE SUBJECT TO A RE-STOCKING FEE AND POSSIBLE REWORK CHARGES TO BE DETERMINED BY PORTER INSTRUMENT DIVISION.

CERTIFICATE OF WARRANTY

THIS WARRANTY IS GIVEN IN PLACE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.

Under no circumstances shall Parker Hannifin Corporation be liable for incidental or consequential damages as those terms are defined in the uniform commercial code.

Parker Hannifin Corporation, Porter Instrument Division warrants that each product or part shall be free from defects in workmanship and materials, under normal use and with appropriate maintenance, for one (1) year from the date of delivery to customer unless otherwise specified in writing. All rubber and plastic parts and accessories are warranted under the same conditions for a period of ninety (90) days from date of purchase.

No statement or claim about the product by any employee, agent, representative, or dealer of Parker Hannifin Corporation shall constitute a warranty by Parker Hannifin Corporation or give to rise to any liability or obligation of Parker Hannifin Corporation.

Parker Hannifin Corporation shall not be liable for any damage, injury or loss arising out of the use of the product, whether as a result of a defect in the product or otherwise, if, prior to such damage, injury or loss, the product was (1) damaged or misused; (2) repaired, altered or modified by persons other than Parker Hannifin Corporation; (3) not installed in strict compliance with applicable codes and ordinances; or (4) not installed by an authorized Parker Hannifin Corporation dealer. Parker Hannifin Corporation's obligation for breach of this warranty, or for negligence or otherwise, shall be strictly and exclusively limited to the repair or replacement of the product or part. This warranty shall be void on any product on which the serial number has been altered, defected or removed.

ORDERS All orders are to be made through authorized Parker Hannifin Corporation distributors. All billing will be done through said distributors. Direct orders will be handled through the authorized local dealer as determined by Parker Hannifin Corporation.

PRODUCTS

Automatic Vacuum Systems	10
Cabinet Mount Flowmeters	2,3,4
Emergency Oxygen/Resuscitation Systems	18
Flowmeters Systems	2 THRU 9
Flowmeter Mounts and Stands	16,17
Gas Supply Tubing	15
Manifold/Tank room Systems	
Sentinel	12
Vanguard	13
Manifold System Installation Kit (Nitrogen Test Fixture)	12
Nitrogen Equipment	19
Oral Surgery Flowmeter Systems	8
Outlet Stations	14
Porter Disposable Liners	9
Porter Navicom Communication System	20
Porter Scavenger Retrofit Kits	
for other manufacturer's Flowmeters	11
Porter Scavenger Systems	10
Porter Vacuum Control Kits	10
Pulse Oximeter	M-23
Zone Valves	12,13



Products Index
Flip catalog for Matrix Products

**4465CQD-AV CABINET MOUNT \$5,783****MXR-DIGITAL FLOWMETER**

Flowmeter package w/(Universal Connections)
 Package includes: MXR-Digital flowmeter,
 AVS-5000 vacuum control, 5155-3 Breathing
 circuit, O₂ & N₂O shut-off valves, Bag tee mount
 and power supply for cabinet installations

4465CQD SAME AS ABOVE W/ (NO AVS-5000) \$5,423

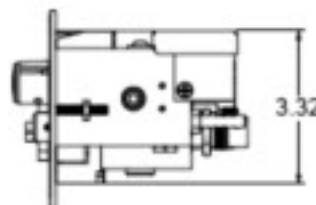
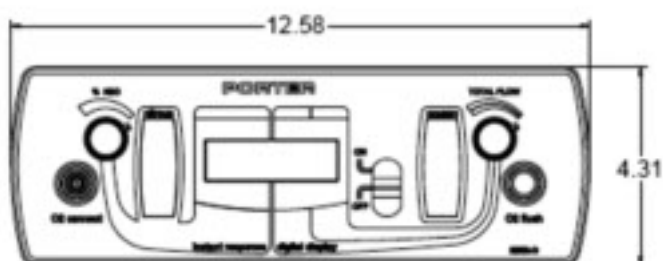
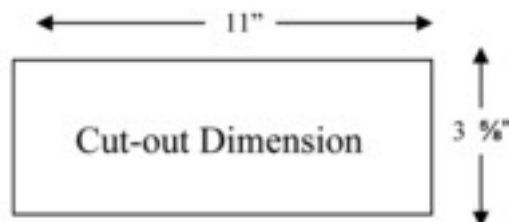
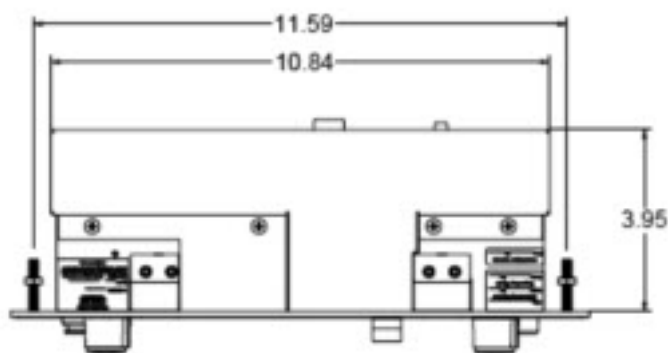
Package includes: MXR-Digital flowmeter,
 5155-1 Breathing Circuit, O₂ & N₂O shut-off
 valves, Bag tee mount and power supply for
 cabinet installations

4465WQD-AV WALL MOUNT \$6,212**MXR-Digital Flowmeter**

Flowmeter package w/ (Universal Connections)
 Package includes: MXR-Digital flowmeter,
 AVS-5000 vacuum control, 5155-3 Breathing
 circuit, O₂ & N₂O shut-off valves, Bag tee mount
 bezel and power supply for wall installations

4465WQD SAME AS ABOVE W/ (NO AVS-5000) \$5,761

Package includes: MXR-Digital flowmeter,
 5155-1 Breathing Circuit, O₂ & N₂O shut-off
 valves, Bag tee mount bezel and power supply
 for wall installations





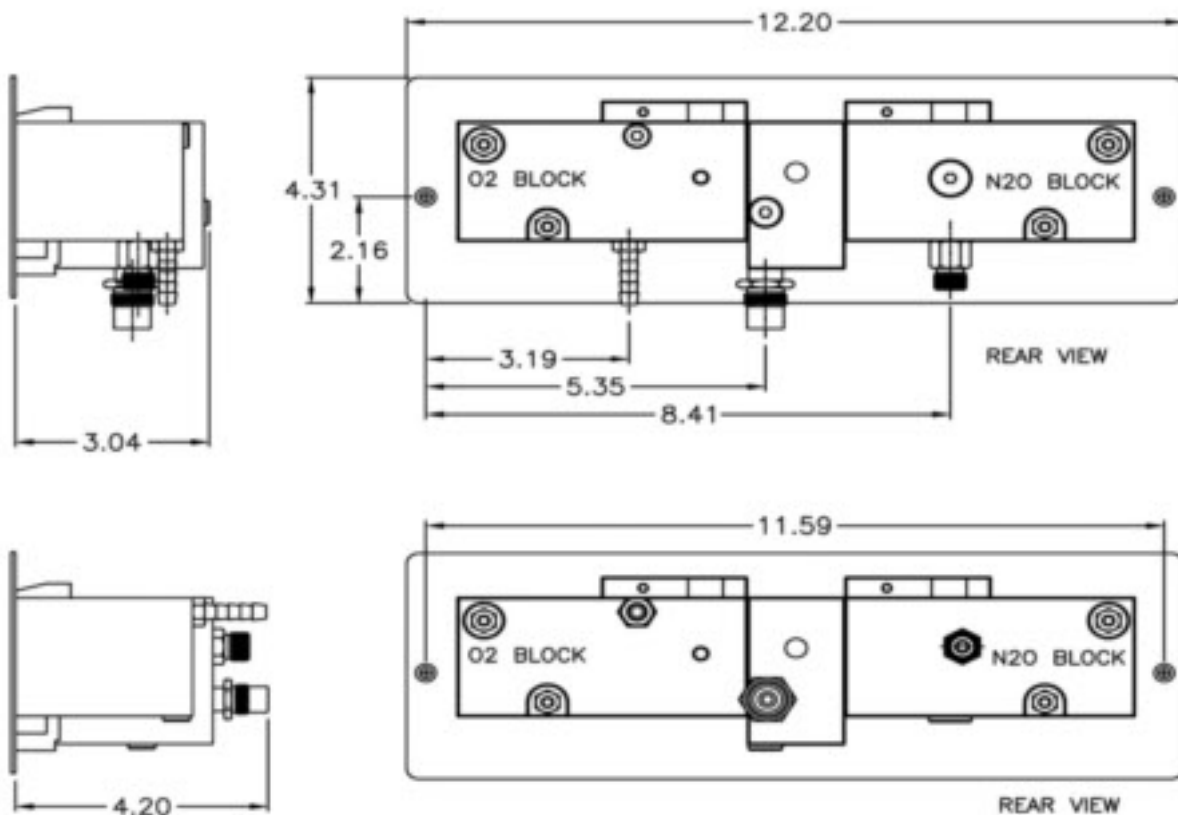
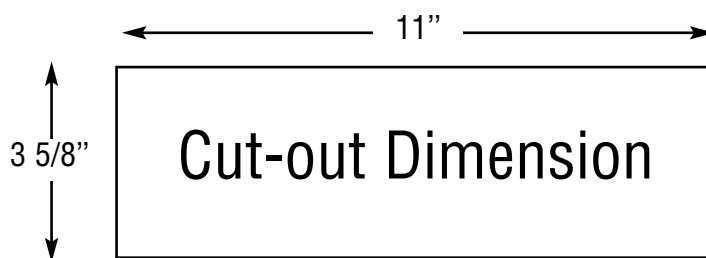
3465CQD-AV MXR-1 FLUSHMOUNT FLOWMETER \$4,995

Flowmeter package w/(Universal Connections)
Package includes: MXR-1 flowmeter, AVS-5000 vacuum control, 5155-3 Breathing circuit, O2 & N2O shut-off valves, Bag tee mount

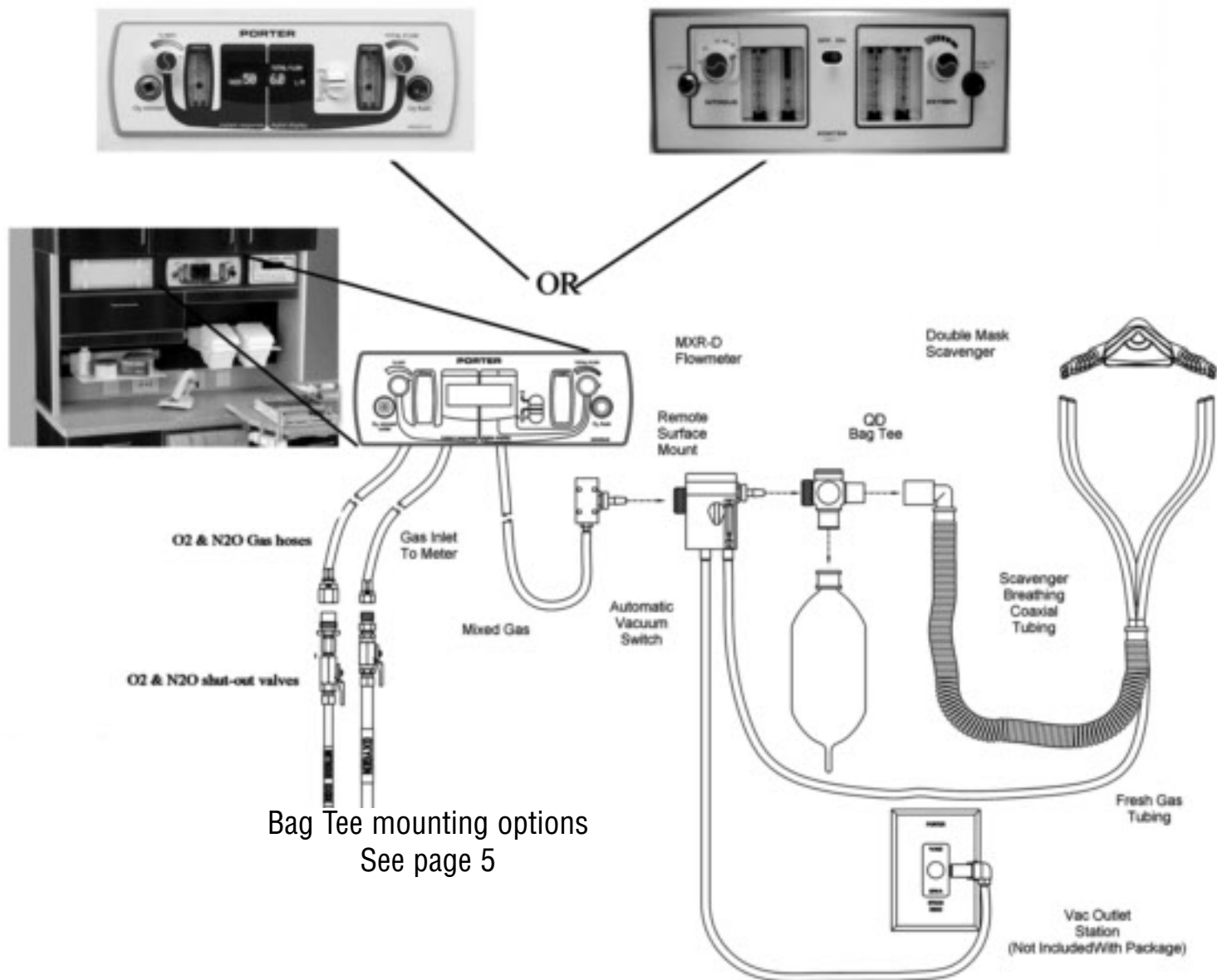
3465CQD SAME AS ABOVE W/ (NO AVS-5000) \$4,623

Package includes: MXR-1 flowmeter, 5155-1 Breathing circuit, O2 & N2O shut-off valves, Bag tee mount

* Bezel for wall installations not included. Order seperately Bezel part number (B-2625)

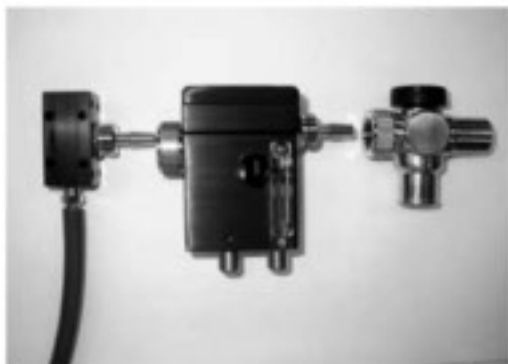


Flushmount Flowmeter Packages w/standard equipment

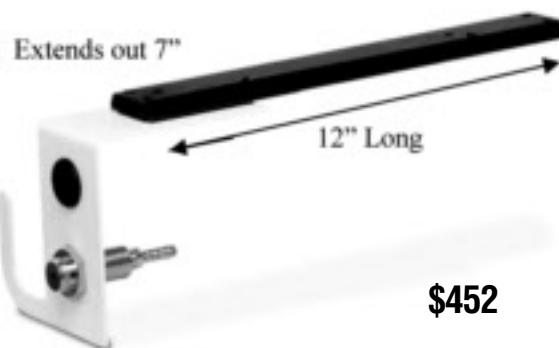


Bag Tee Mounting Options for Flushmount Flowmeters

A-1679 included with meter packages



2037-1 under cabinet mount



\$452

2036-2 Left or Right side Slide mount with
rubbergoods hook mounting option 5" wide



\$452

2036-4 Left or Right side Slide mount 3 1/2"
wide for narrow installs



\$452

AVS-5000S Special 180 Swivel
Under cabinet or chair mount

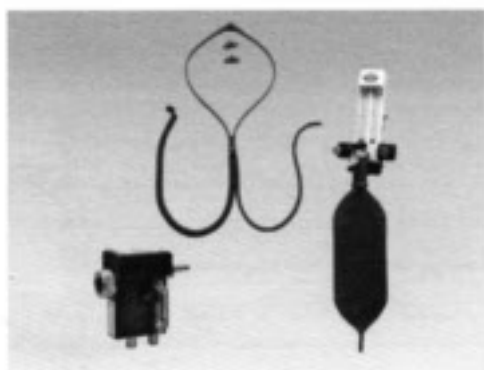


\$564

P1407QD w/Quick Disconnect Option (T-Only)

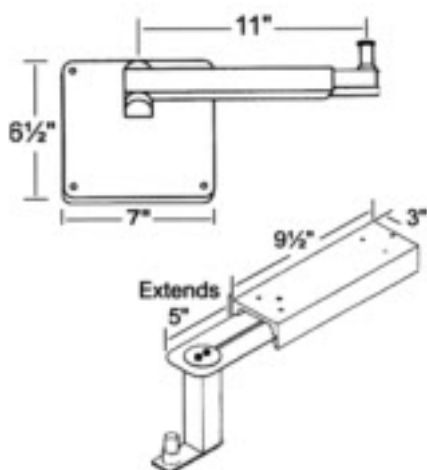


\$294 (T-OPTION ONLY)



3400AV	MXR-Flowmeter	\$3,579
	with Porter Scavenger Breathing Circuit	
	with New Automatic Vacuum Switch	
3000	MXR-Flowmeter	
4100-3NL	Three Liter Bag (No-Latex)	
5155-3	Porter Scavenger Breathing Circuit	
AVS-5000	Automatic Vacuum Switch	

3400 substitutes 5155-1 Breathing Circuit	\$3,208
See page 10 (no AVS)	

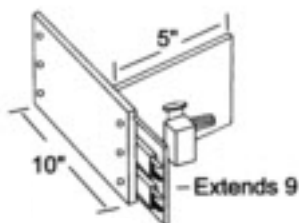


3420AV	MXR Package (3400 AV) plus	\$3,939
2020	Solid Wall Mount	
	Telescoping	

3420 substitutes 5155-1 Breathing Circuit	\$3,566
See page 10 (no AVS)	

3435-1AV	MXR Package (3400 AV) plus	\$3,973
	Cabinet Mount	
2035-1	Slide Away	

3435-1 substitutes 5155-1 Breathing Circuit	\$3,602
See page 10 (no AVS)	



3436AV	MXR Package (3400 AV) plus	\$4,012
2036-3	Cabinet Mount	
	-Slide	

3436 substitutes 5155-1 Breathing Circuit	\$3,644
See Page 10 (no AVS)	



3440AV	MXR Package (3400 AV) plus	\$4,032
2040	Compact Mobile Stand	

3440 substitutes 5155-1 Breathing Circuit	\$3,660
See page 10 (no AVS)	

NOTE: When Scavenger is connected to a 6256-3 outlet with vacuum, order a 5602 found on page 15.
Alternative vacuum packages can be found on page 10. Necessary Gas Supply Tubing can be found on page 15.



3445-2AV **MXR Package (3400AV) plus** \$6,032
 2045-3 Tall Mobile Stand
 for 2+2 E Tanks
 (Top of meter telescopes from 43" to 50")

3445-2 substitutes 5155-1 Breathing Circuit \$5,663
 See page 10 (no AVS)
 (Top of meter telescopes from 43" to 50")



3445E-2AV **Same As Above plus** \$6,679
 1506-1 Positive Pressure/Demand Valve

3445E-2 substitutes 5155-1 Breathing Circuit \$6,307
 See page 10 (no AVS)



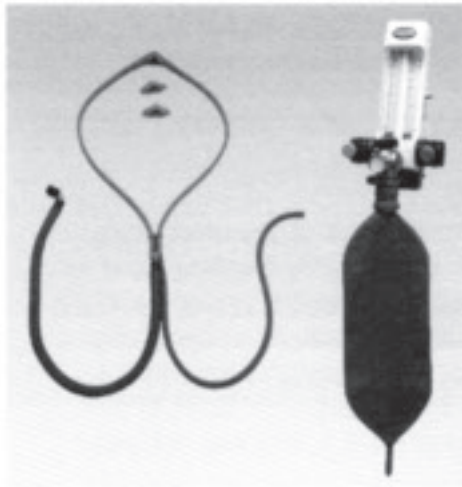
3445-SAV **MXR Package with under cabinet** \$6,076
 mobile stand for 2+2 "E" Tanks
 31" to top of stand in storage position
 (Top of meter telescopes from 31" to 40")

3445-S substitutes 5155-1 Breathing Circuit \$5,708
 See page 10 (no AVS)
 31" to top of stand in storage positions
 (Top of meter telescopes from 31" to 40")



3445E-SAV **Package with under cabinet** \$6,724
 Mobile stand for 2+2 "E" Tanks
 31" to top of stand in storage position
 1506-1 positive pressure/demand valve

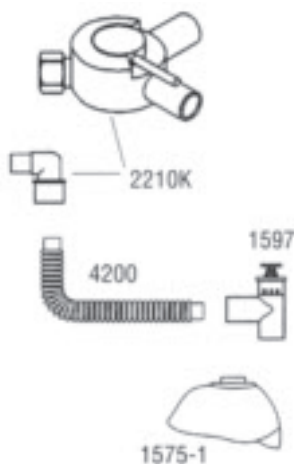
3445E-S substitutes 5155-1 Breathing Circuit \$6,354
 See page 10 (no AVS)
 31" to top of stand in storage position



- 3400-OS Oral Surgery MXR-Flowmeter** \$3,299
with Porter Scavenger Breathing Circuit
includes:
3000-OS MXR Flowmeter (includes P2407A oral surgery threaded bag tee w/adaptor)
4100-3NL Three Liter Bag
5155-1 Porter Adult Inhaler
Scavenger Assembly, complete
Special Features:
Higher Maximum flow rates
Oral Surgery bag tee for 2210K Y valve



- 3444-OS Oral Surgery MXR-Flowmeter with Mobile Stand System** \$4,753
includes:
3000-OS MXR flowmeter (includes P2407A oral surgery threaded bag tee w/adaptor)
4100-3NL Three Liter Bag
5155-1 Porter Adult Inhaler
Scavenger Assembly, complete
2210K Directional Y Valve
1597 Non-rebreathing valve
4200 Corrugate tube
2044 Oral surgery Star-Base stand top of meter telescopes form 46" to 55"

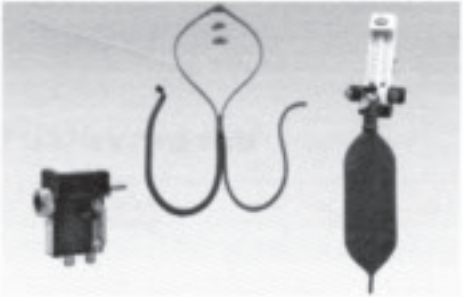


- 2200-OS Oral Surgery Accessory Package** \$933.00
includes:
2210K Directional Y Valve
1597 Non-rebreathing valve
1575-1 Universal size full face, clear mask
4200 Corrugated tube

Note: Must have threaded bag tee to attach 2210K* Part # P2407A



- B-5129-000 Flowmeter Rubbergoods Hook** \$77
For full face mask and corrugated tube (PART)


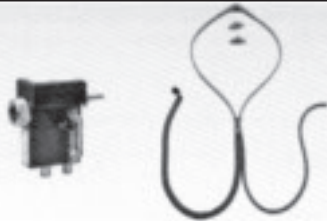


	1400AV 1100 4100-3NL 5155-3AV	Standard Flowmeter with Porter Scavenger Breathing Circuit (with Vacuum Control Block Kit) Standard Flowmeter Three Liter Bag Porter Adult Inhaler & Automatic Vacuum Switch	\$3,446
	1420AV 2020	Same as above with Wall Mount	\$3,804
	1435-1AV 2035-1	Same as above with Under Counter Slide Mount	\$3,842
	1440AV 2040	Same as above with Mobile Stand	\$3,901
	1445-2AV 2045-3	Same as above with Tall E Stand	\$5,900

DISPOSABLE LINERS FOR PORTER SCAVENGER MASKS

	THE MARKET LEADER IN SCAVENGING TECHNOLOGY		
	5053 AD12 5053 AD12C One bag of (12) Adult Liners. Not Returnable	Porter Adult Disposable Liners with Citrus Scent	\$38 \$38
	5053 AD144 5053 AD144C One box of (12) bags. Each bag contains (12) Adult Liners Contents returnable when original box is unopened only.	Porter Adult Disposable Liners with Citrus Scent	\$436 \$436
	5053 PD12 5053 PD12C One bag of Pedo Liners. Not Returnable	Porter Pedo Disposable Liners with Citrus Scent	\$38 \$38
	5053 PD144 5053 PD144C One box of (12) bags. Each bag contains (12) Pedo Liners Contents returnable when original box is unopened only.	Porter Pedo Disposable Liners with Citrus Scent	\$436 \$436

SCAVENGER SYSTEMS

PORTER

	AVS-5000 Automatic Vacuum Switch System Retrofits to ALL PORTER Manufactured Flowmeters (except 3000-OS)	\$457
	5155-3AV* Porter Adult Scavenger with Automatic Vacuum Switch	\$992
	5155-4AV* Porter Peds Scavenger with Automatic Vacuum Switch	\$992
	5155-1* Porter Adult Scavenger Breathing Circuit with In-Line Vacuum Control Kit	\$676
	5155-2* Porter Peds Scavenger Breathing Circuit with In-Line Vacuum Control Kit	\$676
	5155-3* Porter Adult Scavenger Breathing Circuit <i>(no Vacuum Control Block)</i>	\$569
	5155-4* Porter Peds Scavenger Breathing Circuit <i>(no Vacuum Control Block)</i>	\$569
* Note: Packages do NOT include 5602 Vac Quick Conn or 4100-3NL. Please order separately.		
	5054A Porter Adult Hood Kit - w/3 liners	\$267
	5054B Porter Peds Hood Kit - w/3 liners	\$267
	5054-1 Porter Adult Liner Kit - pkg of 3	\$54
	5054-2 Porter Peds Liner Kit - pkg of 3	\$54

OPTIONS FOR VACUUM HOOK-UP

Part No. AVS-5000 Automatic Vacuum Switch	High Volume Evacuation (HVE) Attachment	Tee Connection in the Vacuum Line	PVC Vacuum Line Hook-Up
Part No. 5501 RK Vacuum Control Block	High Volume Evacuation (HVE) Attachment	Tee Connection in the Vacuum Line	PVC Vacuum Line Hook-Up



All kits include the Porter Scavenger with In-Line Vacuum (specify "A" for Adult Hood or "P" for Peds Hood), Three Liter Breathing Bag, Flowmeter Adapters and Bag Tee where necessary.

5800-1A (Adult)

\$718

5800-1P (Peds)

\$718

This one kit retrofits all these flowmeters:

Matrix - Quantiflex, MDM

Ohmeda

Fraser Harlake

Fraser Sweatman

MDT-McKesson - *Analog Four/Compalog*

Parkell-Sedatron (*not pictured*)

Belmed

Accutron (*not pictured*)

Also Replaces: Porter Clean-Air™ Rubber Goods Non-Scavenging System



Matrix (Quantiflex, MDM)

Ohmeda

Fraser Harlake

Fraser Sweatman



MDT
McKesson
Analog Four
Compalog



Belmed
PC7



Coastal

NCG Chemetron



McKesson
Analog
I & II



Starflite
Denetron

5800-2A Coastal

NCG Chemetron

\$814

5800-5A McKesson

Analog I&II

Starflite Denetron

\$772

5800-6A McKesson

Analog 3C

\$827



McKesson
Analog 3C

5800-9A Porter Clean-Air™

Breathing Circuit & Canister
Scavenging System

\$658



5450 Vac Block
&
5300 Canister

Note: *It is not recommended to retrofit Porter Scavenger Breathing Circuit to Adec, Veriflo, Hampton Simplaire or Spica machines.*

**For 2 Tanks Oxygen and 2 Tanks Nitrous Oxide**

3222CX Manifold System, 2-O₂, N₂O, \$4,068
with wall model sentinel, regulators
hoses, and tank restraints

3222DX Manifold System, 2-O₂, N₂O, \$4,068
with desk model sentinel, regulators
hoses, and tank restraints

**For 2 Tanks Oxygen and 1 Tanks Nitrous Oxide**

3221CX Manifold System, 2-O₂, 1-N₂O, \$3,746
with wall model sentinel, regulators, hoses, and
tank restraints

3221DX Manifold System, 2-O₂, 1-N₂O, \$3,746
with desk model sentinel, regulators, hoses, and
tank restraints

3222CX-N/R&H Manifold System \$2,791
with wall sentinel;
WITHOUT regulators and hoses

3222DX-N/R&H Manifold System \$2,791
with desk sentinel;
WITHOUT regulators and hoses

3222MXB Sentinel Manifold ONLY \$2,073
5251 **Wall Sentinel** \$800
(includes 75' cable & power supply)

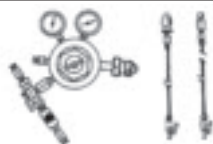
5201 **Desk Sentinel** \$800
(includes 75' cable & power supply)

Manifolds without Sentinel DO NOT meet the requirements of the NFPA 99. Porter Instrument Division accepts no responsibility for the installation and/or use of manifolds without Sentinel alarm.

ZONE VALVES WITH CROSS+PROTECTION

9000-1 Concealed Zone Valve \$1,266
For use with 3222MXB Sentinel Manifold

Note: NFPA 99-GAS SHUT-OFF VALVES Where the central supply is remote from the medical gas system use points, the main supply line shall be provided with a shut-off valve (Zone Valve) is located in the single treatment facility as to be accessible from use-point locations in an emergency.

MANIFOLD INSTALLATION KIT

B-2065-000 Nitrogen Test Fixture \$772
(includes adapter hoses)

VANGUARD MANIFOLD SYSTEMS WITH AUTOMATIC CHANGEOVER **PORTER**



4222CXB	(high flow) Vanguard Manifold Systems with Auto-changeover for 2 N2O & 2 O2 tanks, Wall alarm, regulators hoses and restraints	\$5,196
4222DXB	(high flow) Vanguard Manifold Systems with 6201 A Desk style Alarm	\$5,196
4222CXBLPI	(high flow) Vanguard Manifold Systems Wall Alarm WITHOUT Pre-Install Kit	\$4,957
4222DXBLPI	(high flow) Vanguard Manifold Systems Desk Alarm WITHOUT Pre-Install Kit	\$4,957
4222NOHF-1	(high flow) Vanguard Manifold Only	\$3,718
6251A	Vanguard Wall Alarm Only	\$1,253
6201A	Vanguard Desk Alarm Only	\$1,253
3653-EZW	Manifold Pre-Install Kit Note: order "LPI" Packages to complete systems.	\$239
7000-2	Oxygen Tank Regulator	\$407
7500-2	Nitrous Oxide Tank Regulator	\$407






Note: NFPA 99-GAS SHUT-OFF VALVES Where the central supply is remote from the medical gas system use points, the main supply line shall be provided with a shut-off valve (Zone Valve) is located in the single treatment facility as to be accessible from use-point locations in an emergency.





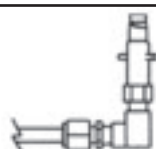


ZONE VALVES WITH CROSS + PROTECTION

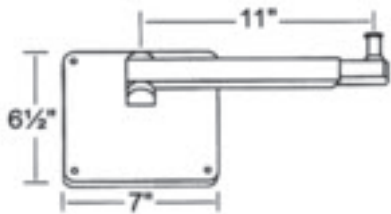
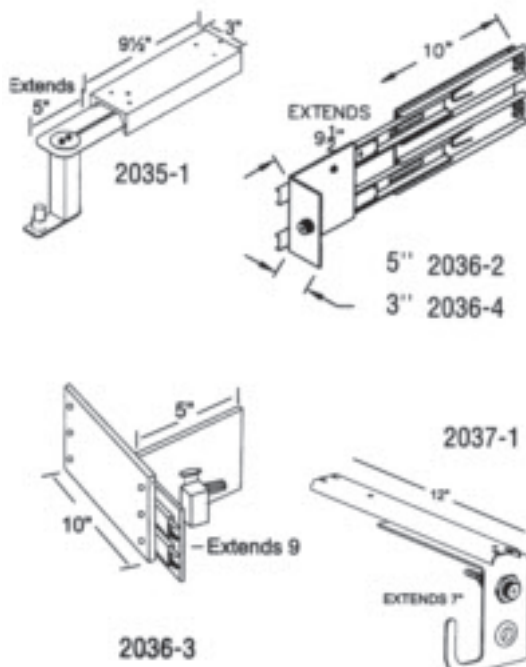
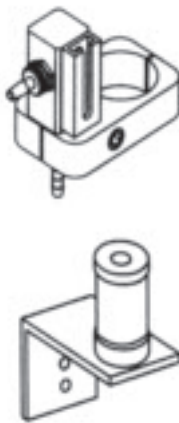






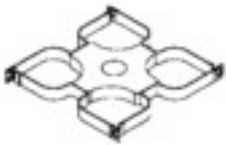
9000-2	Concealed Zone Valve	\$1,266
	For use with 4222 Vanguard Manifold	

Note: NFPA 99-GAS SHUT-OFF VALVES Where the central supply is remote from the medical gas system use points, the main supply line shall be provided with a shut-off valve (Zone Valve) is located in the single treatment facility as to be accessible from use-point locations in an emergency.

	6100-1 Single Oxygen Outlet Station Requires Hose, O ₂ , diss/Porter listed on page 13	\$296
	6200-1 Dual Outlet Station, O₂/N₂O	\$378
	6250K Exposed Cover for 6100-1/6200-1	\$45
	6300-1 Floor Mounted Outlet Station	\$637
	6256-3 Triple Outlet O ₂ /N ₂ O/Vacuum	\$593
	6257-3 Exposed Triple Outlet O ₂ /N ₂ O/Vacuum	\$593
	6255-1 Compact Wall Triple Outlet O ₂ /N ₂ O/Vacuum	\$593
	6258-1 Compact Triple Outlet for Cabinets (no hoses or shutoffs)	\$593
	6258-3 Compact Triple Outlet for Cabinets with 3 foot hoses and shutoffs	\$1,028
	6258-5 Compact Triple Outlet for Cabinets with 5 foot hoses and shutoffs	\$1,028
	6258-1B Compact triple outlet w/back connection for Cabinets (no hoses or shutoffs)	\$593
	6258-3B Compact triple outlet w/back connection with 3 foot hoses and shutoffs	\$1,028
	6258-5B Compact triple outlet w/back connection with 5 foot hoses and shutoffs	\$1,028
	5600-3 Vacuum Outlet Station	\$339

	8065	Hose, O ₂ /N ₂ O, diss/Porter, 5ft.	\$237
	8055*	Hose, O ₂ , diss/Porter, 5ft.	\$191
	8005*	Hose, O ₂ , diss/diss, 5ft.	\$127
	8505*	Hose, N ₂ O, diss/diss, 5ft.	\$127
	8015*	Hose, O ₂ , diss/NCG (Chemetron), 5ft.	\$206
	8515*	Hose, N ₂ O, diss/NCG (Chemetron), 5ft.	\$206
	8025*	Hose, O ₂ , diss/Puritan, 5ft.	\$206
	8525*	Hose, N ₂ O, diss/Puritan, 5ft. for use with McKesson & Fraser Harlake outlet stations	\$206
	8035*	Hose, O ₂ , diss/Schrader, 5ft.	\$229
	8535*	Hose, N ₂ O, diss/Schrader, 5ft.	\$229
	8045*	Hose, O ₂ , diss/Oxequip, 5ft.	\$206
	8545*	Hose, N ₂ O, diss/Oxequip, 5ft.	\$206
	92305126-5*	Hose, O ₂ , diss/Ohio Medical/ Matrix, 5 ft.	\$108
	92305127-5*	Hose, N ₂ O, diss/Ohio Medical/ Matrix, 5 ft.	\$108
	5602	Vacuum Quick Connec for Porter outlets	112.00
	5670	Vacuum Quick Connect for Matrix outlets	112.00
	5602-PB	Vacuum Quick Connect for Puritan outlets	112.00
	5602-CT	Vacuum Quick Connect for Chemetron outlets	112.00
	5602-DISS Vac	Vacuum Connection for DISS outlet (Vac)	98.00
	5602-DISSWAG	Vacuum Connection for DISS outlet (WAGD)	108.00

	<div>2020</div> <div>Solid Wall Mount (Telescoping) Extends to 18"</div> <div>\$386</div>
	<div>2035-1</div> <div>Cabinet Mount, Slide Away</div> <div>\$428</div>
	<div>2036-2</div> <div>Cabinet Slide Mount For Bag Tee and Porter AVS-5000 (5" wide)</div> <div>\$452</div>
	<div>2036-3</div> <div>Cabinet Slide Mount For Flowmeter</div> <div>\$464</div>
	<div>2036-4</div> <div>Cabinet Slide Mount For Bag Tee and Porter AVS-5000 (3" wide)</div> <div>\$452</div>
	<div>2037-1</div> <div>Under Cabinet Slide Mount For Bag Tee and Porter AVS-5000</div> <div>\$452</div>
	<div>5335</div> <div>Chair/Light Post Mount (BagTee or AVS)</div> <div>\$259</div>
	<div>2024</div> <div>Post Clamp for Meters</div> <div>\$384</div>
	<div>2023</div> <div>Non-Telescoping Wall Bracket</div> <div>\$191</div>

	<p>2040 Compact Mobile Stand \$464 (Top of Meter Telescopes from 24" to 36")</p> <p>2042 Tall Mobile Stand \$475 (Top of Meter Telescopes from 43" to 50")</p>
	<p>2045-3 Tall Mobile Stand \$2,642 for 2 "E" Tanks of O2 and 2 "E" Tanks of N2O (Top of meter telescopes from 43" to 50") <i>Gas Supply Tubing included</i></p>
	<p>2045-Short-3 Under Cabinet Stand \$2,765 for 2 "E" Tanks of O2 and 2 "E" Tanks fo N2O (Top of meter telescopes from 31" to 41") <i>Gas Supply Tubing included</i></p>
	<p>C-1667-000 E-Block Assembly \$2,206 for 5 leg base</p>
	<p>C-1658-000 Tank Restraints \$99 for 5 leg base</p>

1536-1 Positive Pressure/Demand Valve \$1125
with Universal Mask; 10 foot Hose; Mobile
Cart; Regulator and Yoke; and Porter Connection

The Porter/O-TWO Demand Valve Resuscitator provides a fast, simple and effective means to ventilate non-breathing patients and provides 100% oxygen on Demand.

Designed to meet the varying requirements of the Emergency Medical Services/Rescue Personnel, it is the only Demand Valve Resuscitator that comes standard with an Audible Pressure Relief System and sensitive Manual Ventilation Button, conveniently located on the front of the resuscitator. The Manual Ventilation Button helps to ensure a patient airway by enabling both hands to remain on the mask to facilitate a superior mask to face seal (without having to deal with cumbersome trigger levers or inconveniently located top buttons).

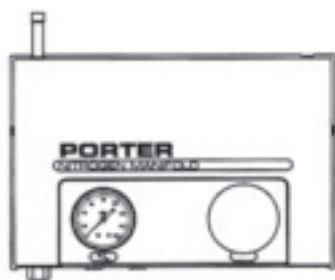
The Manual Ventilation Flow rate is fixed at 40 lpm in line with the 1992 American Heart Association Recommendations and Guidelines for Resuscitation.

During spontaneous respirations, the Demand Valve Resuscitator is designed to provide 100% oxygen to a breathing patient with minimal respiratory effort. The oxygen demand flow is controlled by the patients inspiratory effort, with flow rates up to 160 lpm, to accommodate their own respiratory distress situation.

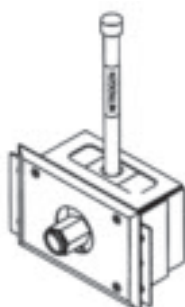
1538 Mobile Cart Only \$183
(Tank not included)

1506-1 Positive Pressure/Demand Valve \$654
with Universal Mask, 10 foot hose
and Porter Connection

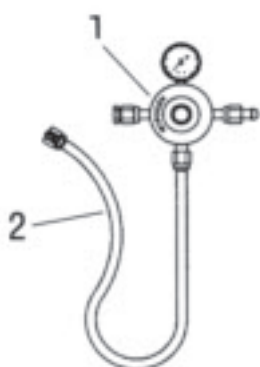
1506-1M Positive Pressure/Demand Valve \$654
with Universal Mask, 10 foot hose
and Ohio Medical (Matrx) Connection



- | | | |
|-------------|--|----------------|
| 8201 | Nitrogen Manifold System
Includes one regulator & one 3ft. hose | \$2,014 |
| 8202 | Nitrogen Manifold System
Includes two regulators & two 3ft. hoses | \$2,576 |
| 8203 | Nitrogen Manifold System
Includes three regulators & three 3ft. hose | \$3,136 |

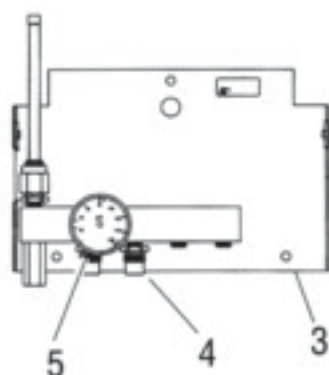


- | | | |
|---------------|---|--------------|
| 6400-1 | Nitrogen Outlet Station
Nitrogen DISS Fitting w/Check Valve | \$559 |
|---------------|---|--------------|



PARTS ONLY

- | | | |
|-----------------------|--|----------------|
| 1.7400-1 | Nitrogen Regulator Only | \$439 |
| 2. 8803 | Nitrogen Hose, diss/diss, 3ft.
Note: Stock number listed is for 3 ft. Last digit indicates length.
Example: 8805 hose N ₂ ,
diss/diss=5ft. long | \$126 |
| 3. 8200 | Nitrogen Manifold Only | \$1,521 |
| 4. PA-1140-000 | Nitrogen Check Valve Assy.
(Part) | \$88 |
| 5. PA-1143-000 | Nitrogen Gauge
(Part) | \$68 |





PORTER ReliANT Sterilier System

RELIANT-2510

\$5,400

The Porter Reliant sterilizer system is equipped with a powerful drying pump which combined with the bacterial filter, provides an end-of-cycle forced ventilation, resulting in complete drying of loose or wrapped loads

ADVANCED FEATURES: PERFORMANCE YOU CAN COUNT ON

Automated microprocessor cycles off to save energy Copper components in chamber for precise temperature control, Complete air-evacuation (up to 98%) ensures proper steam saturation, prevents air pockets, and assures complete sterilization

PURITY OR2 WATER TREATMENT SYSTEM

10026400

\$1,209

The Porter Purity - Integrated Reverse Osmosis Water Purifier

Serial Number ranges that will be repaired

Porter Models 2000 or 3000 SN: 72000 and Higher Manufactured 1993 \$ 850.00	Porter Models 1000 or 1100 SN: 24000 and Higher Manufactured 1993 \$ 850.00	Matrix Models MDM SN: 26000 and Higher Manufactured 1993 \$ 850.00	Matrix Models RA SN: 10500 and Higher Manufactured 1993 \$ 850.00
---	---	--	---

These prices will remain in effect until January 1, 2013 at which time
New Catalogs with the price increase will be available
**Flowmeters with serial numbers below the listed ranges will be considered
for a trade-in value of \$ 400.00 off retail price for flowmeters only
OR
\$ 600.00 off retail price for flowmeter packages.**
Contact your local Dealer or PRSales rep for trade-in details.

Flowmeter repairs include:

Replacement of bellofram (failsafe seals) and poppet with in the failsafe, all internal o-rings, tube seats, O2 & N2O control valves, gaskets for both O2 & N2O blocks, inlet fitting filters.




On/off switch piston, flow tubes and tube covers, flush valve, seal spindles, gas inlet fittings and mounting fittings will be replaced (if needed), and piston cavity will be cleaned. The O2 quick connect and O2 flush valves flows will be checked and adjusted or replaced if needed. A dated quality certification acceptance sticker will be applied onto the meters.

All repairs come with a 6 month warranty

Before returning any products to Porter please obtain a Return Authorization and have your Purchase Order # ready.

Oxygen Resuscitation System



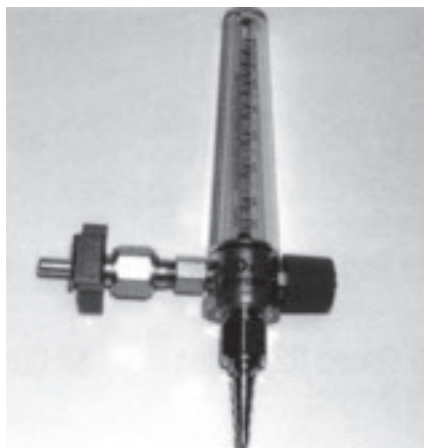
 	Order No.	Description	List Price
	1536-1	Positive Pressure/Demand Valve with Universal Mask; 10 foot Hose; Mobile Cart; Regulator and Yoke; and Porter Connection	\$1125
<p>The Porter/O-TWO Demand Valve Resuscitator provides a fast, simple and effective means to ventilate non-breathing patients and provides 100% oxygen on Demand.</p> <p>Designed to meet the varying requirements of the Emergency Medical Services/Rescue Personnel, it is the only Demand Valve Resuscitator that comes standard with an Audible Pressure Relief System and sensitive Manual Ventilation Button, conveniently located on the front of the resuscitator. The Manual Ventilation Button helps to ensure a patient airway by enabling both hands to remain on the mask to facilitate a superior mask to face seal (without having to deal with cumbersome trigger levers or inconveniently located top buttons).</p> <p>The Manual Ventilation Flow rate is fixed at 40 lpm in line with the 1992 American Heart Association Recommendations and Guidelines for Resuscitation.</p> <p>During spontaneous respirations, the Demand Valve Resuscitator is designed to provide 100% oxygen to a breathing patient with minimal respiratory effort. The oxygen demand flow is controlled by the patients inspiratory effort, with flow rates up to 160 lpm, to accommodate their own respiratory distress situation.</p>			
	Order No.	Description	List Price
	1538	Mobile Cart Only (Tank not included)	\$183
	1506-1	Positive Pressure/Demand Valve with Universal Mask, 10 foot hose and Porter Connection	\$654
	1506-1M	Positive Pressure/Demand Valve with Universal Mask, 10 foot hose and Ohio Medical (Matrx) Connection	\$654

Oxygen Therapy Supplies



Oxygen Therapy

Order No.	Description	List Price
Oxygen Flowmeter Kits		
91350404	Oxygen Flowmeter, Ohio Quick Connect Adapter and Oxygen Tubing Barbed Adapter	\$209
91350408	Oxygen Flowmeter, DISS Female Adapter and Oxygen Tubing Barbed Adapter	\$209
65918900	Oxygen Tubing Barbed Adapter, DISS Female x Hose Barb	\$81
91318129	Quick Connect Adapter, 1/8" MPT x Ohio Male Quick Connect	\$91



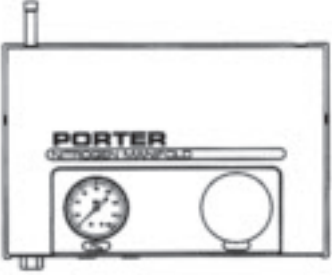

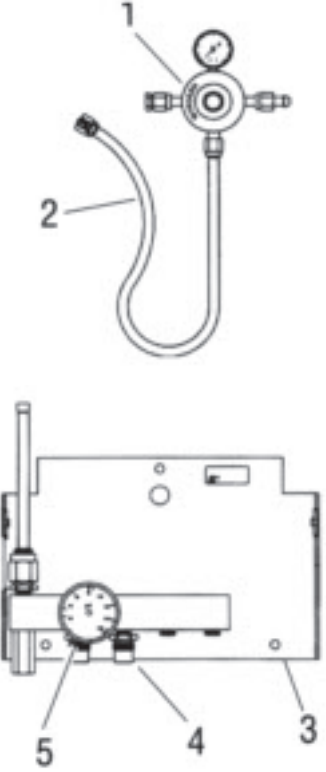
Oxygen Therapy Meters and Oxygen Resuscitation Parts

Order No.	Description	List Price
A-3919-000	02 Flowmeter 0-8 Liter with Porter Connector	\$184
A-3919-001	02 Flowmeter with diss connection	\$122
A-1675	Porter 02 diss/Quick Connect	\$103
1560-1	Regulator and Yoke w/diss Male Connection	\$497
1566-1	Regulator and Yoke w/Porter Imperial Connection	\$497



Oxygen therapy Finger Tip Pulse Oximeter

Order No.	Description	List Price
1500PO	Finger Tip Pulse Oximeter w/ Carrying Case and Belt Loop	\$221

	Order No.	Description	List Price
	8201	Nitrogen Manifold System Includes one regulator & one 3ft. hose	\$2,014
	8202	Nitrogen Manifold System Includes two regulators & two 3ft. hoses	\$2,576
	8203	Nitrogen Manifold System Includes three regulators & three 3ft. hose	\$3,136
	6400-1	Nitrogen Outlet Station Nitrogen DISS Fitting with Check Valve	\$559
	PARTS ONLY		
	1. 7400-1	Nitrogen Regulator Only	\$439
	2. 8803	Nitrogen Hose, diss/diss, 3ft. Note: Stock number listed is for 3 ft. Last digit indicates length. Example: 8805 hose N2, diss/diss=5ft. long	\$126
	3. 8200	Nitrogen Manifold Only	\$1521
	4. PA-1140-000	Nitrogen Check Valve Assy.	\$88
	5. PA-1143-000	Nitrogen Gauge	\$68

PowerMax - Surgical Vacuums

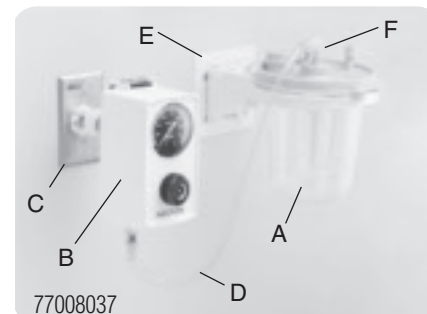


Surgical Accessories

Order No.	Description	List Price
77008037	Surgical Operatory Recovery Room Package (Includes all parts listed below)	\$1366
91120152	A Pkg. of Five Disposable Canisters (1200 cc)	\$86
77008038	B DISS Free Flow Regulator	\$900
91309169	C Matrix by Midmark Outlet Station: Vacuum DISS	\$318
77000192	D Conductive Tubing – 6 ft	\$54
77000689	E Vacuum Slide and Ring	\$29
65965600	F Replacement Elbow	\$2




Quick Connect Replacement Accessories

77000690	Quick Connect Free Flow Regulator	\$878
91309148	Matrix by Midmark Outlet Station: Vacuum QC	\$289



Surgical Operatory Recovery Room Package

Matrix Nitrogen Accessories

	Description	Order No.	List Price
	Adapter – DISS Hand-I-Twist x Schrader for Halls Drill (Female Quick Connect) (Includes 77005108 Schrader x 1/4 MPT fitting)	77000296	\$373
	Adapter – DISS Hand-I-Twist x Schrader for Halls Drill	77000204	\$373
	Adapter – DISS Hand-I-Twist x 3M for Striker Drill (FQC) (Includes 77005081 Striker x 1/4 MPT fitting)	77000297	\$189

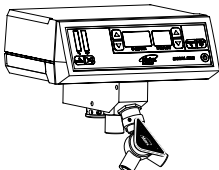


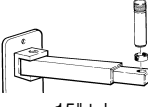
Digital MDM® Oral Surgery Systems



Systems Include:

Order No.

List Price

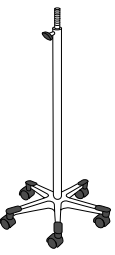

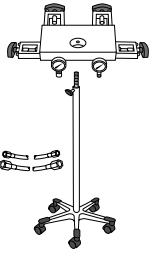

WALL MOUNTED			40007 Mixer head with "Y" Selector Valve.	\$4,236
			10067 Mixer head with "Y" Selector Valve and Adult Scavenger with Scavenger Control Valve.	\$4,724
	 15" telescoping arm		18067 Mixer with 15" telescoping wall arm and Adult Scavenger with Scavenger Control Valve.	\$5171

All systems include a Directional "Y" Selector Valve and Surgical Rubber Goods including hank's elbow with pop-off, universal female adapter, 40" corrugated breathing tube, one adult face mask and one child face mask.

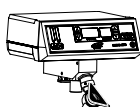
Systems Include:

Order No.

List Price

STAND MOUNTED			14067 Mixer head with tall mobile stand and Adult Scavenger with Scavenger Control Valve.	\$5,214
			14467 Mixer head with tall mobile stand, Adult Scavenger, 4-cyl. yoke block , and 3' DISS x DISS hose assemblies for N ₂ O/O ₂ with Scavenger Control Valve.	\$7,459

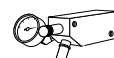
All systems include a Directional "Y" Selector Valve and Surgical Rubber Goods including hank's elbow with pop-off, universal female adapter, 40" corrugated breathing tube, one adult face mask and one child face mask.



Digital MDM Mixer Head



Adult Scavenger



Scavenger Control Valve

Surgery Machine Accessories

Order No.	Description	List Price
91525191	Directional "Y" Selector Valve (slide-on fitting) w/surgical rubber goods includes: directional "Y" selector valve, hank's elbow with pop-off, universal female adapter, 40" corrugated breathing tube, one adult and one child face mask.	\$985
94525192	A-Directional "Y" Selector Valve Only	\$548
91315079	B-Universal Female Adapter	\$81
91315091	C-Straight Mask Adapter	\$81
91315293	D-Hank's Elbow	\$116
1597	F-Non-Rebreathing Valve – w/positive pressure thumb button and adjustable release valve	\$244
93316426	G-Child Face Mask	\$38
93316427	G-Adult Face Mask	\$38
4200	H-40" Corrugated Breathing Tube	\$59

Note: for additional information on Scavengers, Scavenger Control Valve and Rubber Goods, see page 44.
"Y" selector valves with threaded mixed gas fittings are available. Contact customer service for ordering information.

Scavenger Control Valves

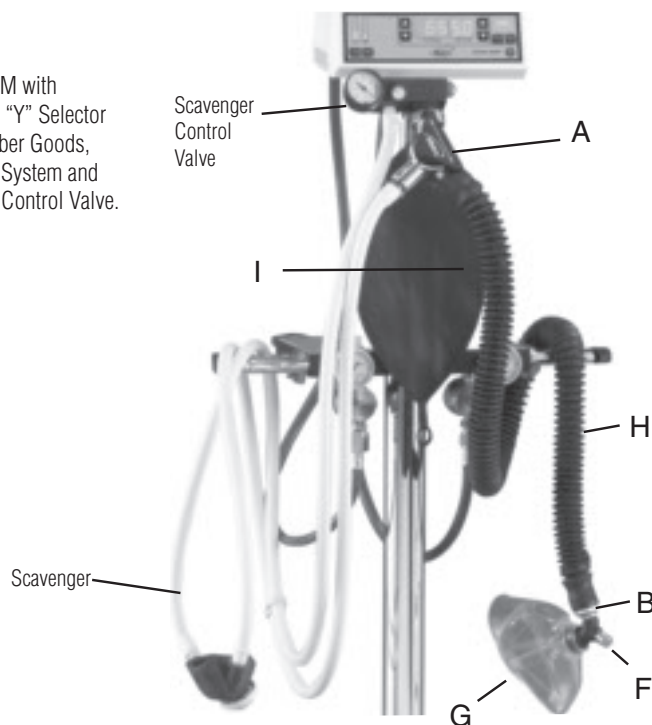
91515083	For MDM®/RA®	\$252
91525109	For Digital MDM®	\$252
91515084	For Centurion™	\$252
91515085	With Ohio Quick Connect Adapter	\$312

Replacement Knobs are available on page M-11.



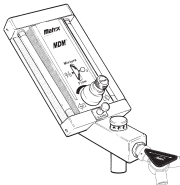
91525191

Digital MDM with Directional "Y" Selector Valve, Rubber Goods, Scavenger System and Scavenger Control Valve.

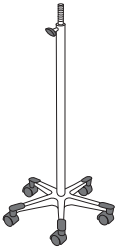
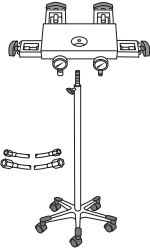


MDM® Oral Surgery Systems



Systems Include:	Order No.	List Price
	50007 Mixer head with "Y" Selector Valve.	\$3,817
	20057 Mixer head with "Y" Selector Valve and Adult Scavenger with Scavenger Control Valve.	\$4,501
	28057 Mixer with 15" telescoping wall arm and Adult Scavenger with Scavenger Control Valve.	\$4,865
WALL MOUNTED		

All systems include a Directional "Y" Selector Valve and Surgical Rubber Goods including hank's elbow with pop-off, universal female adapter, 40" corrugated breathing tube, one adult face mask and one child face mask.

Systems Include:	Order No.	List Price
	24057 Mixer head with tall mobile stand and Adult Scavenger with Scavenger Control Valve.	\$4,779
	24457 Mixer head with tall mobile stand, Adult Scavenger, 4-cyl. yoke block , and 3' DISS x DISS hose assemblies for N ₂ O/O ₂ with Scavenger Control Valve.	\$6,998
STAND MOUNTED		
STAND MOUNTED WITH YOKE BLOCK		

All systems include a Directional "Y" Selector Valve and Surgical Rubber Goods including hank's elbow with pop-off, universal female adapter, 40" corrugated breathing tube, one adult face mask and one child face mask.





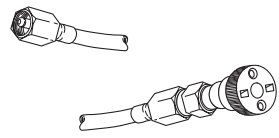
MDM Mixer Head



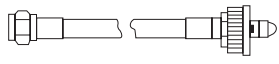
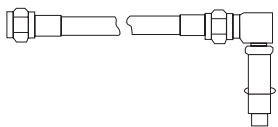
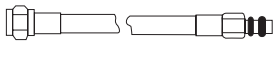
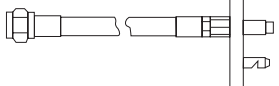
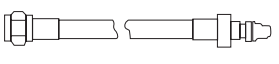
Adult Scavenger



Scavenger Control Valve

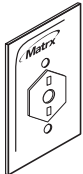
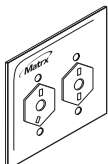
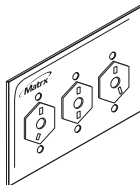
Matrx Hoses				
	Order No.	Description	Gas	List Price*
	92305126	Ohio Male Quick Connect	Oxygen	\$88 + \$4/ft.
	92305127	Ohio Quick Connect Male X DISS Female	Nitrous Oxide	\$88 + \$4/ft.
	92515063	Ohio Quick Connect Male X 1/4 NPT*	Vacuum	\$88 + \$4/ft.
		DISS (Diameter Indexed Safety System) x DISS (see Porter Hoses)		
	92305118	Ohio Female Quick Connect	Oxygen	\$204 + \$4/ft.
	92305119	DISS Female X Ohio QC Female	Nitrous Oxide	\$204 + \$4/ft.
	92305353	DISS Female X Ohio QC Female	Vacuum	\$204 + \$4/ft.

*Specify Hose Length Matrx hoses are custom made to order. Please specify hose length (in feet) when placing your order.

Hose Identification Chart			
	Ohio (Matrx) DISS Female x Ohio Quick Connect Male 92305126 (O ₂) \$88 + \$4/ft. 92305127 (N ₂ O) \$88 + \$4/ft.		Oxequip DISS Female x Oxequip Male 8045 (O ₂) \$206 8545 (N ₂ O) \$206
	Puritan (Fraser Harlake) DISS Female x Puritan Male 8025 (O ₂) \$206 8525 (N ₂ O) \$206		
	Chemetron (NCG) DISS Female x NCG Male 8015 (O ₂) \$206 8515 (N ₂ O) \$206		
	Schrader DISS Female x Schrader Male 8035 (O ₂) \$229 8535 (N ₂ O) \$229		

Outlet Stations

Recessed Ohio Quick Connect Outlet Stations

	Order No.	Description	Dimensions (H x W)	List Price
	91309146	Single Oxygen (O ₂) QC	4-1/2" x 2-3/4"	\$289
	91309147	Single Nitrous Oxide (N ₂ O) QC	4-1/2" x 2-3/4"	\$289
	91309148	Single Vacuum QC	4-1/2" x 2-3/4"	\$289
	91309150	Dual N ₂ O/O ₂ QC	4-1/2" x 4-5/8"	\$452
	91309151	Triple N ₂ O/O ₂ /Vacuum QC	4-1/2" x 6-1/2"	\$665


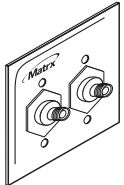
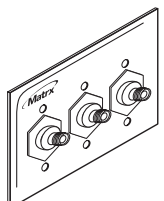


Matrix Outlet Stations

The connection between the Digital MDM, MDM or RA and Manifold and Alarm System.

Available as either a surface or recessed mount outlet station, they feature inlet stem indexing to prevent the crossing of any gases when connected to Ohio Quick Connect or DISS hoses.

Recessed DISS Outlet Stations

	Order No.	Description	Dimensions (H x W)	List Price
	91309163	Single Oxygen (O ₂) DISS	4-1/2" x 2-3/4"	\$318
	91309164	Single Nitrous Oxide DISS	4-1/2" x 2-3/4"	\$318
	91309169	Single Vacuum DISS	4-1/2" x 2-3/4"	\$318
	91309171	Dual N ₂ O/O ₂ DISS	4-1/2" x 4-5/8"	\$490
	91309172	Triple N ₂ O/O ₂ /Vacuum DISS	4-1/2" x 6-1/2"	\$741

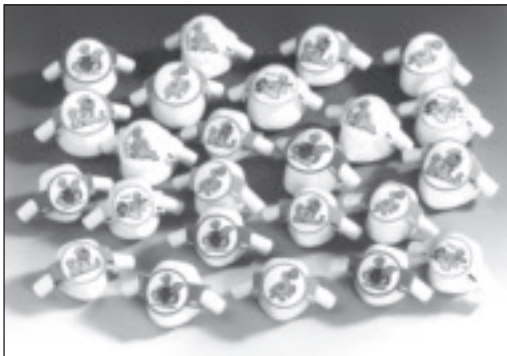
* Nitrogen outlets are available in DISS (Diameter Indexed Safety System) only.



**DynoMite
12 Pack Bag**

Single-Use Nasal Hoods: 12 Pack Bag

Description	Size	Part Number	Retail
Bubble Gum	Small	91316496	\$45
Bubble Gum	Medium	91316503	\$45
Bubble Gum	Large	91316510	\$45
Strawberry	Small	91316497	\$45
Strawberry	Medium	91316504	\$45
Strawberry	Large	91316511	\$45
Orange	Small	91316498	\$45
Orange	Medium	91316505	\$45
Orange	Large	91316512	\$45
Vanilla	Small	91316499	\$45
Vanilla	Medium	91316506	\$45
Vanilla	Large	91316513	\$45
Plain	Small	91316500	\$45
Plain	Medium	91316507	\$45
Plain	Large	91316514	\$45
Assorted	Small	91316501	\$45
Assorted	Medium	91316508	\$45
Assorted	Large	91316515	\$45
Assorted	Various	91316516	\$45



**DynoMite
24 Pack Bag**

Single-Use Nasal Hoods: 24 Pack Bag

Description	Size	Part Number	Retail
Bubble Gum	Small	91316461	\$90
Bubble Gum	Medium	91316498	\$90
Bubble Gum	Large	91316475	\$90
Strawberry	Small	91316462	\$90
Strawberry	Medium	91316469	\$90
Strawberry	Large	91316476	\$90
Orange	Small	91316463	\$90
Orange	Medium	91316470	\$90
Orange	Large	91316477	\$90
Vanilla	Small	91316464	\$90
Vanilla	Medium	91316471	\$90
Vanilla	Large	91316478	\$90
Plain	Small	91316465	\$90
Plain	Medium	91316472	\$90
Plain	Large	91316479	\$90
Assorted	Small	91316466	\$90
Assorted	Medium	91316473	\$90
Assorted	Large	91316480	\$90
Assorted	Various	91316481	\$90

DynoMite

Single-Use Nitrous Scavenger Hoods

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

- Put your patient at ease
- Reduce risk of cross infection
- Can help make your practice more profitable
- 4 delicious scents or plain
- Latex-free

LATEX-FREE



DynoMite 24 Pack Decorative Canister

Single-Use Nasal Hoods: 24 Pack in Canister

Description	Size	Part Number	Retail
Bubble Gum	Small	91316482	\$101
Bubble Gum	Medium	91316519	\$101
Bubble Gum	Large	91316489	\$101
Strawberry	Small	91316483	\$101
Strawberry	Medium	91316520	\$101
Strawberry	Large	91316490	\$101
Orange	Small	91316484	\$101
Orange	Medium	91316521	\$101
Orange	Large	91316491	\$101
Vanilla	Small	91316485	\$101
Vanilla	Medium	91316522	\$101
Vanilla	Large	91316492	\$101
Plain	Small	91316486	\$101
Plain	Medium	91316523	\$101
Plain	Large	91316493	\$101
Assorted	Small	91316487	\$101
Assorted	Medium	91316524	\$101
Assorted	Large	91316494	\$101
Assorted	Various	91316495	\$101

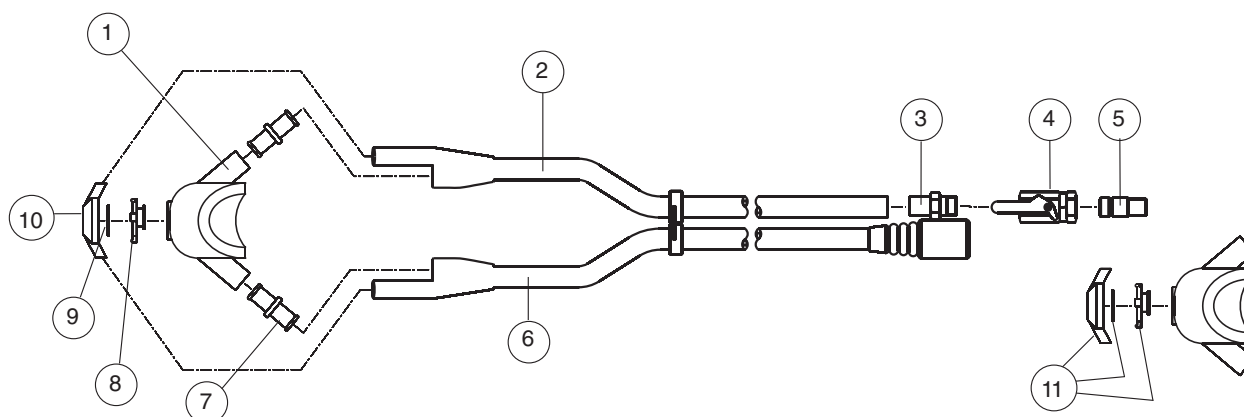


In one easy step, you can convert your existing nitrous breathing circuit to use our popular DynoMite Nasal Hoods.

Universal Conversion Kit

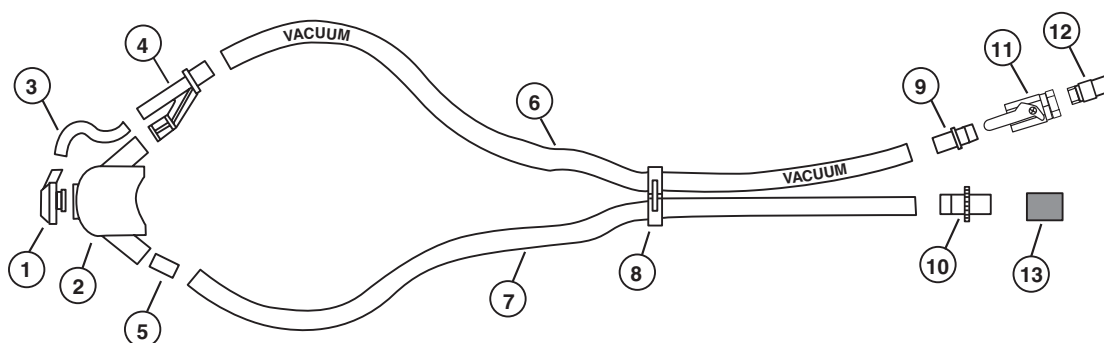
Order No.	Description	List Price
91515142	DynoMite Nasal Hood – Universal Conversion Kit	\$75

Scavenger Parts



Matrix Scavenger Parts








Order Number	Description	List Price	Order Number	Description	List Price
1 91515094	Small Nasal Hood	\$78	7 91515201	Replacement Hood/Hose Connector (2/pk)	\$23
1 91515095	Medium Nasal Hood	\$78	8 91515207	Replacement Cage Valve	\$39
1 91515096	Large Nasal Hood	\$78	9 91515162	Replacement Non-Breathing Valve (5 pk)	\$13
2 91515202	Replacement Vacuum Tubing	\$102	10 91515208	Replacement Matrix Scavenger Cone	\$50
3 91515158	Replacement Vacuum Nipple (small orifice)	\$25	11 91515177	Replacement Matrix Scavenger Cone Assembly	\$89
4 91515159	Replacement Shut-off Valve	\$61			
5 91515205	Replacement Vacuum Adapter	\$13			
6 91515203	Replacement Gas Tubing w/slide	\$112			

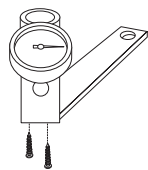
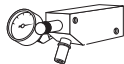




A.N.S. Scavenger Replacement Parts

Order Number	Description	List Price	Order Number	Description	List Price
1 91515152	A.N.S. Scavenging Cone Assembly	\$89	7 91515155	Fresh Gas Tubing	\$91
2 91515096	Large Nasal Hood	\$78	8 91515161	Slide	\$20
2 91515095	Medium Nasal Hood	\$78	9 91515158	Vacuum Nipple (small orifice)	\$25
2 91515094	Small Nasal Hood	\$78	10 91515156	Fresh Gas Connector	\$13
3 91515160	1.5" Connector Tubing	\$11	11 91515159	Shut-off Valve	\$61
4 91515153	Y-Piece	\$16	12 10059000	Vacuum Adapter	\$13
5 91515157	Hood/Hose Connector	\$13	13 91515151	22mm ID External Fresh Gas Adapter	\$44
6 91515154	Vacuum Tubing	\$91			

Scavenging Equipment

Matrx Scavenging Equipment			
	Order No.	Description	List Price
		Matrx Scavenger - W/3-Liter Breathing Bag and Scavenger Control Valve	
	82501	Matrx Scavenger Adult	\$760
	82502	Matrx Scavenger Medium	\$760
	82503	Matrx Scavenger Pediatric	\$760
		Matrx Scavenger - W/3-Liter Breathing Bag	
	82504	Matrx Scavenger Adult	\$520
	82505	Matrx Scavenger Medium	\$520
	82506	Matrx Scavenger Pediatric	\$520
		Matrx Scavenger Assemblies Only	
	91515192	Matrx Scavenger Adult	\$477
	91515193	Matrx Scavenger Medium	\$477
	91515194	Matrx Scavenger Pediatric	\$477
		Matrx Scavenger Without Hood	
	91515197	Matrx Scavenger w/out Hood	\$398
		Autoclavable Nasal Hoods - Matrx Scavenger	
	91515096	Adult Nasal Hood Only	\$78
	91515095	Medium Nasal Hood Only	\$78
	91515094	Pediatric Nasal Hood Only	\$78
Disposable nasal hoods are available on pages 47-48			
		Quick Connect Vacuum Hose Adapter	
	92515063	Quick Connect Hose For Connecting Scavenger to Vacuum Outlet: Ohio QC x 1/4" NPT	\$88 + \$4/ft.
		Miscellaneous Replacement Parts	
	4100-3NL	3-Liter Breathing Bag NON-LATEX	\$40
	4100-2NL	2-Liter Breathing Bag NON-LATEX	\$40

Scavenger Control Valves			
	Order No.	Description	List Price
			
	91515083	For MDM/RA	\$252
	91515084	For Centurion Mixer	\$252
	77000963	Replacement Knob	\$50
			
	91525109	For Digital MDM	\$252
	77000961	Replacement Knob	\$50
			
	91515085	With Ohio Quick-Connect Adapter	\$312
	77000963	Replacement Knob	\$50
			
	91515086	For Cabinet Mounting	\$252
	77000963	Replacement Knob	\$50

For cabinet mounting installations where a Matrx Quick Connect Outlet Station is used, we recommend the addition of the Ohio Quick Connect Hose (p/n 92515063). 6 feet is recommended.

The Matrix Scavenger System

- Fewer Parts - simpler for you
- Lighter weight - more comfortable for your patient
- Better Performance
- Safe to use - autoclavable and latex-free



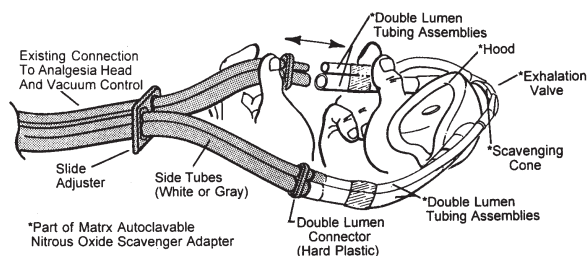
LATEX-FREE

The Matrix Scavenger System is designed to deliver the NIOSH recommended scavenging flow rate of 45 LPM at 3 in. Hg.

Universal Conversion Kit-For Porter/Brown and Accutron Circuits



LATEX-FREE



For DynoMite Single-Use Nasal Hoods: Now you can use DynoMite Nasal Hoods on Porter/Brown and Accutron circuits!*

In one easy step, you can convert your existing nitrous breathing circuit to use our popular DynoMite Nasal Hoods. The benefits are clear – DynoMite Nasal Hoods save you money, and protect you and your patient from unnecessary exposure to infectious disease. And best of all, DynoMite Hoods are so comfortable for your patient. You can feel the difference the first time you put one on your nose! Next time you order, ask your dental dealer for the hoods with the colorful dinosaur sticker!

Universal Conversion Kit

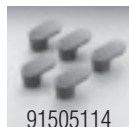
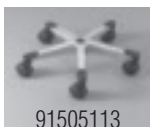
Order No.	Description	List Price
91515142	DynoMite Nasal Hood – Universal Conversion Kit	\$75

*The Universal Conversion Kit fits most major nitrous oxide/oxygen gas delivery circuits. For a complete list of circuit systems that fit the Universal Conversion Kit call your dental dealer.

Stand Mounts



- Tall stand adjusts 33" - 46"
- Short stand adjusts 18" - 31"
- 19" spider base
- Large swivel casters
- Use with 2- or 4-cyl. yoke block (tall stand only)



Order No.	Description	List Price
2042	Tall Mobile Stand (adjusts 33" - 46")	\$475
2040	Short Mobile Stand (adjusts 18" - 31")	\$464
91505113	Conversion Kit (converts 4-leg base to 5-leg base)	\$161
PA-234-002	Replacement Caster	\$37

Portable System Yoke Blocks – Complete with Hoses and Wrench




C-1667-000


- 4-cylinder yoke blocks
- Feature single stage regulators, 3" DISS x DISS hoses and gauges for nitrous oxide and oxygen cylinder pressure
- For "E" and "D" size cylinders only
- Includes cylinder wrench

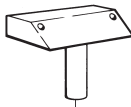



Order No.	Description	List Price
C-1667-000	4-cyl. Yoke Assemblies for five leg base ("E" or "D" size)	\$2,206
C-3399-000	"E" or "D" Cylinder Seals	\$2
PA-1185-000	Replacement Wrench Assembly	\$11
A-4060-000	Replacement T Handle	\$29
	Yoke assemblies can only be used with tall mobile stands.	

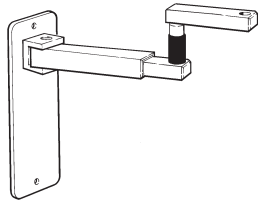
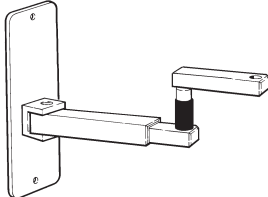
Wall Arm Mounting Systems



Wall Arms			
	Order No.	Description	List Price
	93505050	3-1/4" Rigid Wall Mount (3" W x 8" H) (for use with top mount bracket only-92505044 see below)	\$264

Telescoping Wall Arms			
	Order No.	Description	List Price
	93505072*	15" Telescoping Wall Arm (plate measures 3" W x 8" H)	\$400

Wall Mount Accessories			
	Order No.	Description	List Price
	92505044	Top Mount Bracket and Stud for MDM®/RA® (Digital MDM®'s and Centurion Mixers™ DO NOT top mount)	\$193
	91505093	Bottom Mount Stud w/Nut	\$74
	92505045	Bottom Mount Stud	\$74
	92505064	Adapter for MDM or RA to Porter (3/4" post) wall arm or stand assembly	\$320
	92505088	Adapter for Porter Head to Matrix wall arm assembly	\$74

Cabinet Mounts			
	Order No.	Description	List Price
	93505090	Cabinet Mount Telescoping Wall Arm w/extension Link for Top Mounted Pneumatic MDM's (mounting plate measures 3" W x 8" H)	\$511
	93505097	Cabinet Mount Telescoping Wall Arm w/extension Link for Bottom Mounted MDM or Digital MDM® (mounting plate measures 3" W x 8" H)	\$511

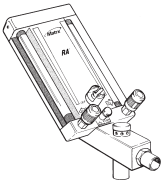




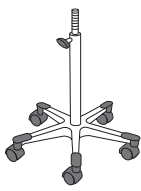



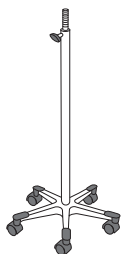



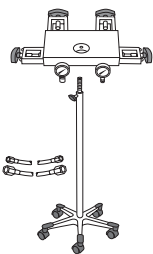



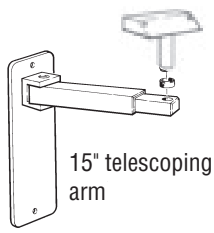


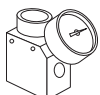
Fraser RA® - Portable Systems

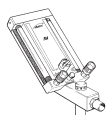


Systems Include:

Order No.

List Price

			94500033 RA Mixer head only.	\$1,817
		  	30050 RA Mixer with Adult Scavenger and Scavenger Control Valve.	\$2,445
STAND MOUNTED		  	33050 Mixer with short mobile stand and Adult Scavenger with Scavenger Control Valve.	\$2,916
		  	34050 Mixer with tall mobile stand and Adult Scavenger with Scavenger Control Valve.	\$2,916
STAND MOUNTED WITH YOKE BLOCK		  	34450 Mixer with tall mobile stand, Adult Scavenger, 4-cyl. yoke block and 3' DISS x DISS hose assemblies for N ₂ O/O ₂ with Scavenger Control Valve.	\$5,143
WALL MOUNTED	 15" telescoping arm	  	38050 Mixer with 15" telescoping wall arm and Adult Scavenger with Scavenger Control Valve.	\$3005



RA Mixer Head

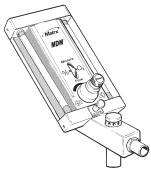





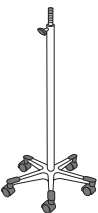
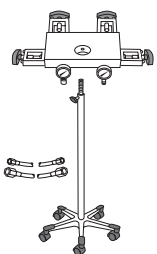
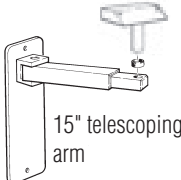


Adult Scavenger



Scavenger Control Valve

MDM® - Portable Systems

Systems Include:		Order No.	List Price
		94500011 MDM mixer head only.	\$2,942
	  	20050 MDM mixer head with Adult Scavenger with Scavenger Control Valve.	\$3,430
STAND MOUNTED		23050 Mixer with short mobile stand and Adult Scavenger with Scavenger Control Valve.	\$3,901
		24050 Mixer with tall mobile stand and Adult Scavenger with Scavenger Control Valve.	\$3,901
STAND MOUNTED WITH YOKE BLOCK		24450 Mixer head, tall mobile stand, Adult Scavenger, 4-cyl. yoke block and 3' DISS x DISS hose assemblies for N ₂ O/O with Scavenger Control Valve.	\$6,120
WALL MOUNTED	 15" telescoping arm	28050 Mixer with 15" telescoping wall arm and Adult Scavenger with Scavenger Control Valve.	\$3,983



MDM Mixer Head

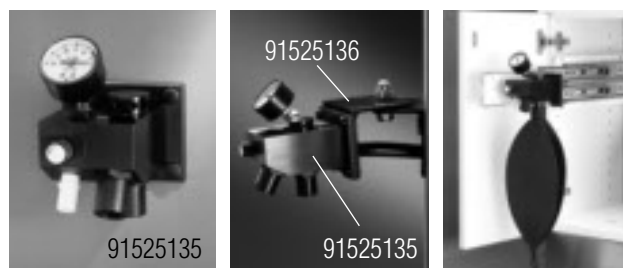


Adult Scavenger



Scavenger Control Valve

Accessories



Remote Bag Tee

Order No.	Description	List Price
91525135	Remote Bag Tee*	\$836
91525136	Swing Arm Assembly for Remote Bag Tee	\$85
77000995	Slide Mount for Remote Bag Tee	\$471
77000962	Replacement Scavenger Valve Knob	\$50

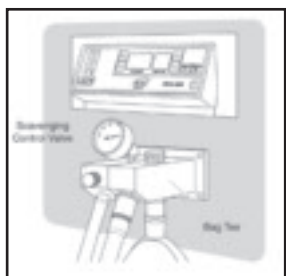
Bag Tee, Swing Arm, Slide Mount and Breathing Bag all sold separately.

*Included with all systems that list remote bag tee.

Flush/Cabinet Installation Accessories

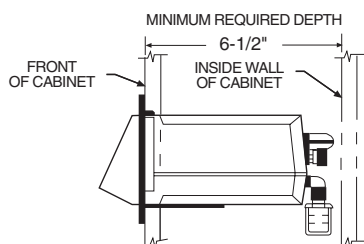
	Order No.	Description	List Price
	8003	O ₂ DISSF x DISSF Hose	\$127
	8503	N ₂ O DISSF x DISSF Hose	\$127
	92305248	Vac DISSF x DISSF Hose	\$71 + \$4/ft.
		<i>Specify hose length in feet when ordering.</i>	
	PA-1160-000	Vacuum Hose - NO FITTINGS	\$3.60/ft.
	B-2460-KIT	Supply Gas Piping Kit with DISS Male Hose Connections for O ₂ /N ₂ O/Vac - includes vac tubing nipple	\$270

Digital MDM® - Flush Mounted/Countertop Systems

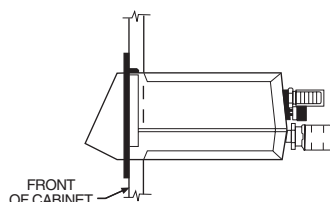


Typical Installation

Order No.	Order No.	Description	Price
91525163	91525238	Flush Mount Digital MDM (Small Bezel) 4-1/4"H x 9-11/16"W x 6-1/2"D	\$5,350
B-2460-KIT	B-2460-KIT	For preinstallation the following sub-kits can be ordered separately: <u>Piping Kit</u> (includes supply gas sweat fittings and DISSM hose connections for O ₂ & N ₂ O, evacuation tubing nipple & installation manual)	\$270
91525166	91525241	<u>Finish Kit</u> (includes templates, flowmeter, remote bag tee, required mount with hardware, hoses to flowmeter, scavenger, breathing bag and finish hardware)	\$5,080



Order No.	Order No.	Description	Price
91525164	91525239	Flush Mount Digital MDM (Large Bezel - fits most industry standard cut-outs) 4-1/4"H x 12-5/8"W x 6-1/2"D	\$5,350
B-2460-KIT	B-2460-KIT	For preinstallation the following sub-kits can be ordered separately: <u>Piping Kit</u> (includes supply gas sweat fittings and DISSM hose connections for O ₂ & N ₂ O, evacuation tubing nipple & installation manual)	\$270
91525167	91525242	<u>Finish Kit</u> (includes templates, flowmeter, remote bag tee, required mount with hardware, hoses to flowmeter, scavenger, breathing bag and finish hardware)	\$5,080



Order No.	Order No.	Description	Price
91525165	91525240	Flush Mount Digital MDM (Large Bezel with Oxygen Outlet) 4-1/4"H x 12-5/8"W x 6-1/2"D	\$5,632
B-2460-KIT	B-2460-KIT	For preinstallation the following sub-kits can be ordered separately: <u>Piping Kit</u> (includes supply gas sweat fittings and DISSM hose connections for O ₂ & N ₂ O, evacuation tubing nipple & installation manual)	\$270
91525168	91525243	<u>Finish Kit</u> (includes templates, flowmeter, remote bag tee, required mount with hardware, hoses to flowmeter, scavenger, breathing bag and finish hardware)	\$5,362



Flush Mount with Small Bezel



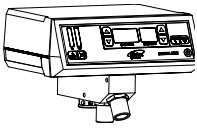
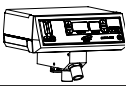

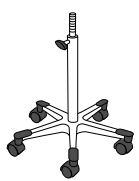

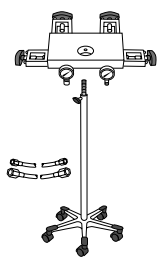
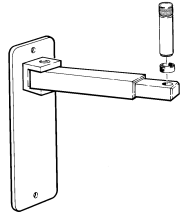
Flush Mount with Large Bezel

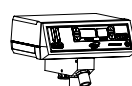


Flush Mount with Large Bezel and Oxygen Outlet

Digital MDM® - Portable Systems



Systems Include:		Order No.	List Price
		91525115 Digital MDM mixer head only.	\$3,357
		10060 Digital MDM mixer head with Adult Scavenger and Scavenger Control Valve.	\$3,845
STAND MOUNTED		13060 Mixer with short mobile stand with Adult Scavenger and Scavenger Control Valve.	\$4,333
		14060 Mixer with tall mobile stand with Adult Scavenger and Scavenger Control Valve.	\$4,333
STAND MOUNTED WITH YOKE BLOCK		14460 Mixer with tall mobile stand, Adult Scavenger, 4-cyl. yoke block , and 3' DISS x DISS hose assemblies for N ₂ O/O ₂ with Scavenger Control Valve.	\$6,647
WALL MOUNTED	 15" telescoping arm	18060 Mixer with 15" wall arm and Adult Scavenger with Scavenger Control Valve.	\$4,308



Digital MDM Mixer Head



Adult Scavenger



Scavenger Control Valve



Nitrous-Oxide Systems

Nitrous Oxide/Oxygen Flowmeters.....	M-3-9
Digital MDM® Systems.....	M-3-4
MDM® Systems	M-6
RA® Systems.....	M-7
Remote Bag Tee and Mounts.....	M-5
Mounting Systems.....	M-8-9
Cabinet Mounts.....	M-5
Telescoping Wall Arms	M-8
Wall Arms.....	M-8
Wall Mount Accessories	M-8
Stand Mounts	M-9
Yoke Block.....	M-9
Scavenging Equipment.....	M-10-14
Matrix Scavenger Systems.....	M-10-11
Scavenger Control Valves.....	M-11
Scavenger Parts.....	M-12
DynoMite™ Single-Use Nasal Hoods	M-13-14
Scavenger Universal Conversion Kit	M-13
Outlet Stations.....	M-15
Hoses.....	M-16

Oral Surgery Systems

Nitrous Oxide/Oxygen Mixers	M-18-20
MDM® Mixer Systems.....	M-17
Digital MDM® Mixer Systems	M-19
Scavenger Control Valves.....	M-11
Surgery Machine Accessories.....	M-18
Surgical Operatory Recovery Room Package	M-20
Nitrogen Systems	M-21
Oxygen Therapy	M-22
Pulse Oximeter	M-22
Oxygen Resuscitation System	M-23



N₂O/O₂ Delivery Systems

Nitrous Oxide provides safer, quicker and more comfortable dental care.

Fear. Anxiety. Pain.

A visit to the dental office is traditionally ranked as one of the leading fears of people from all walks of life. In many cases, it leads to late or broken appointments that disrupt the operation of your practice.

There is a solution.

Nitrous Oxide.

Thousands of dentists throughout the world have discovered the benefits of using a nitrous oxide/oxygen gas mixer system from Matrix by Midmark to relax apprehensive patients and drastically minimize any feelings of discomfort.

A Matrix N₂O/O₂ Mixer is simple and safe.

- It allows your patient to breathe more oxygen while enjoying a remarkable depth of relaxation
- It virtually eliminates the fear, nervousness and tension associated with dental procedures
- Your patient remains in complete control, is conscious and can follow directions
- A built-in, fail-safe in every Matrix mixer guarantees nitrous oxide will not flow unless a minimum concentration of 30% oxygen is flowing

And best of all, it makes your practice more efficient and profitable.

- Patients are more relaxed so you can accomplish more per visit
- You can work in all four quadrants
- Increased productivity means more income for you

Matrix N₂O Mixer equipment, the first choice of dental professionals throughout the world!

Over four decades ago, Fraser Sweatman developed the technology found exclusively in Matrix N₂O/O₂ Mixer machines today. Year after year, thousands of dentists have placed their trust in our machines because of our commitment to quality manufacturing and our outstanding service.

Matrix Auto-Compensation

Matrix Digital MDM and MDM are designed with our Auto-Compensation feature which allows you to maintain flow rate when you change gas mixture percentage. Plus, they also maintain percentage when you change flow rate.

Matrix Digital MDM®

The future of conscious sedation. The Digital MDM is the most accurate nitrous oxide/oxygen mixer available! Measure and control rates as low as 0.1 LPM. Plus, it features the Matrix flow and percentage Auto-Compensation.

Matrix MDM®

The only pneumatic mixer with Auto-Compensation to maintain flow rate when you change gas mixture percentage. Also maintains percentage when you change flow rate.

Matrix RA®

The relative analgesia machine designed with a built-in fail-safe that guarantees a minimum delivery of 3 LPM of oxygen at all times.





Jan 2013

Nitrous Systems

