

# BELMED

Nitrous Oxide/Oxygen Sedation Equipment

2022  
Price List



# BELMED INC.

[www.belmedinc.com](http://www.belmedinc.com)

888.723.5893

**Mail to:**

PO Box 247  
Red Lion, PA 17356-0247

**Contact Us:**

717.246.5500  
Fax: 717.246.7586  
[bmi@belmedinc.com](mailto:bmi@belmedinc.com)

**Order:**

[orders@belmedinc.com](mailto:orders@belmedinc.com)  
Fax: 717.246.7586

**Ship to:**

887 Delta Rd.  
Red Lion, PA 17356-0247

**Tech Support:**

[help@belmedinc.com](mailto:help@belmedinc.com)

This price list is effective January 2021, and supersedes all previous price lists. Minimum order \$25.

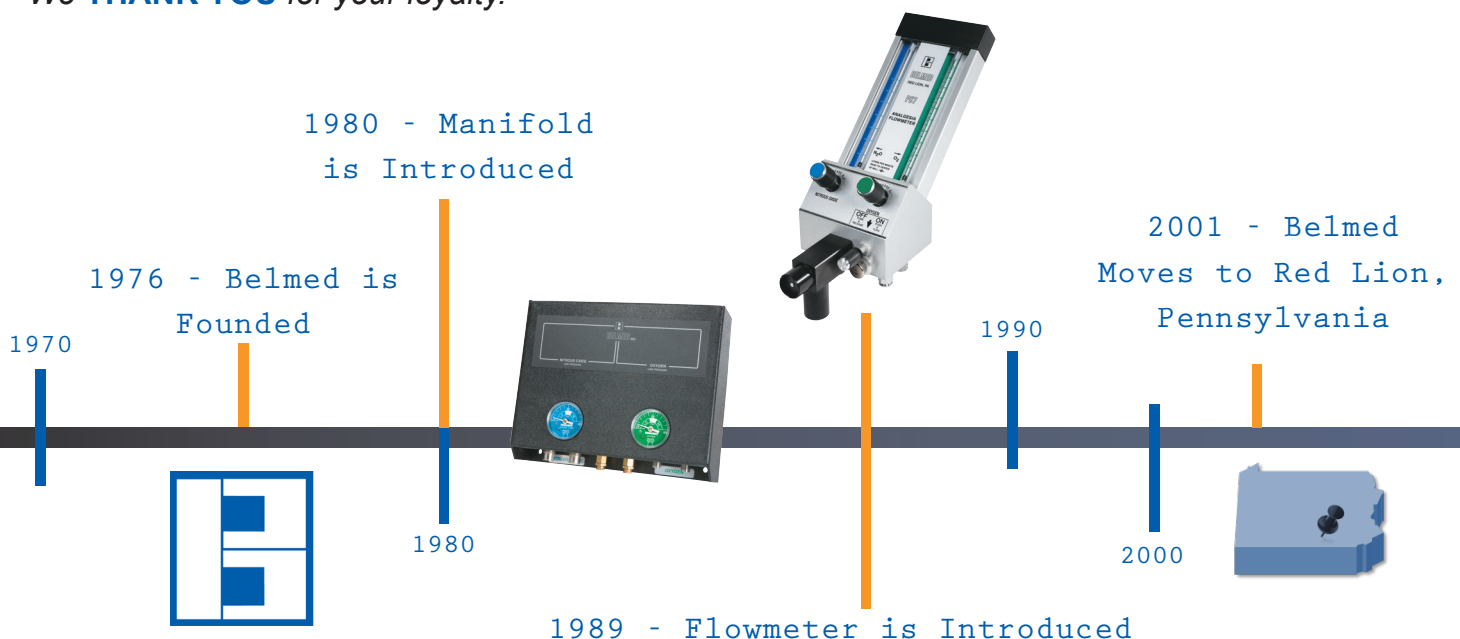
## BELMED....what's in a name? 46 Years of KNOW-HOW • 1976-2020

*Belmed understands the importance of quality products within our industry. We have consistently generated new technology to keep our customers on the cutting edge. From our **Manifold System** to our **Flowmeter**, from our **PC7-C Flushmount** to our **Defender Automatic Changeover Manifold** and **Yoke Block**, we continue to strive for excellence.*

***Belmed turns 46** in 2020 and we have proudly served the dental community with outstanding Customer Care since 1976. In 2010 we became a 100% woman-owned business, innovational in our industry. We continue to thrive and grow through leading-edge management.*

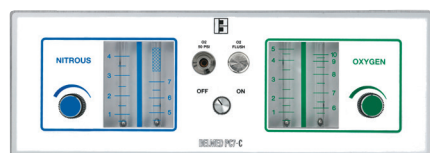
*The measure of a company is the sum of its parts, its level of quality, integrity, and customers' satisfaction. Our **MOST IMPORTANT** asset, as always, remains **YOU, OUR CUSTOMERS**. We appreciate you and look forward to working together to provide the best solutions for your needs.*

We **THANK YOU** for your loyalty.



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2009 - PC7-C Flushmount Flowmeter is Introduced

2015 - Defender Automatic Changeover Manifold is Introduced



2017 - 4 Cyl Yoke Block



2010

2023

## PC - 7 FLOWMETER

Flowmeter Head Dimensions  
8.75"H X 3.75"W X 10.25"D

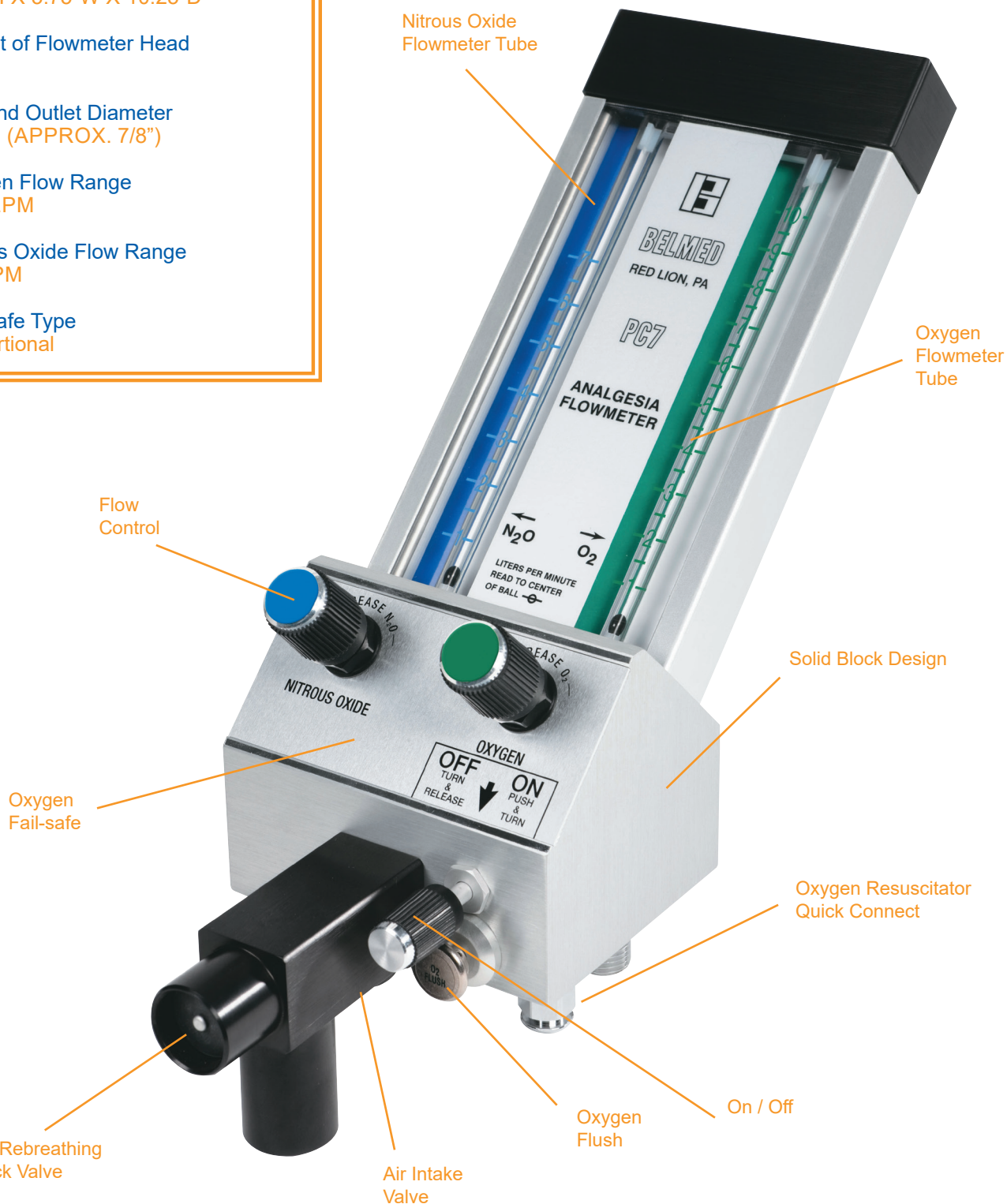
Weight of Flowmeter Head  
5 LBS

Bag and Outlet Diameter  
22MM (APPROX. 7/8")

Oxygen Flow Range  
3-10 LPM

Nitrous Oxide Flow Range  
0-7 LPM

Fail-Safe Type  
Proportional



**Flowmeter Head Only PC7.....\$2,178.00**

**5000** - Includes: Head and Mounting Adapter

NOTE: Specify Mounting Adapter. See page 7 for Mounting Adapter Options



## FLOWMETER SYSTEMS

### Flowmeter System with Scavenger Rubber Goods ..... \$2,998.00

**F100 Includes:**

Head, Scavenger Inhaler, Tube, Bag

NOTE: Specify Mounting Adapter.

See page 7 for Mounting Adapter Options



### Flowmeter System with Short Mobile Stand ..... \$3,298.00

**F200 Includes:**

Head, Short Mobile Stand (Hght. 30"-40"), Scavenger Rubber Goods



### Flowmeter System with Mobile Stand ..... \$3,298.00

**F250 Includes:**

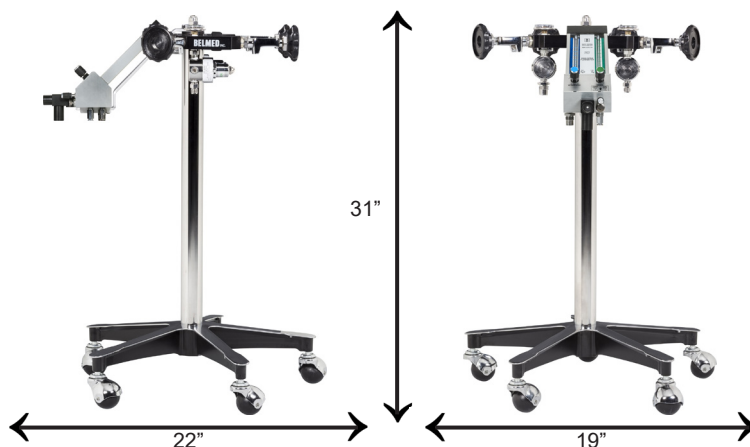
Head, Tall Mobile Stand (Hght. 40"-50"), Scavenger Rubber Goods



### Flowmeter System with 4 Cylinder Yoke Block ..... \$5,698.00

**F300 Includes:**

Head, Tall Mobile Stand, Scavenger Rubber Goods, 4 Cylinder Yoke Block, DISS Hoses (2ft.)



- Check valves allow two or four cylinder use
- 31" height stores effortlessly under counter tops
- Solid wheels roll easily on carpet or hard flooring
- 10" height adjustment for convenient use while sitting or standing

## FLOWMETER SYSTEMS

### Flowmeter System with Telescoping Arm ..... \$3,298.00

**F400 Includes:**  
Head, Telescoping Arm,  
Scavenger  
Rubber Goods



### Flowmeter System with Stationary Arm ..... \$3,298.00

**F401 Includes:**  
Head, Stationary Arm,  
Scavenger  
Rubber Goods



### Flowmeter System with 8" Swivel Arm ..... \$3,298.00

**F402 Includes:**  
Head, 8" Swivel Arm,  
Scavenger  
Rubber Goods



### Flowmeter System with 8" Double Swivel Arm ..... \$3,298.00

**F403 Includes:**  
Head, 8" Double  
Swivel Arm,  
Scavenger  
Rubber Goods



### Flowmeter System with Cabinet Mount Flipout Bracket ..... \$3,298.00

**F404 Includes:**  
Head, Cabinet Mount  
Flipout Bracket,  
Scavenger  
Rubber Goods



## STANDS AND YOKES

### Short Stand

19" High with 10" Height Adjustment

5300-1001	Belmed, Accutron PC .....	\$424.00
5300-1002	Fraser, Matrx .....	\$449.00
5300-1003	Porter, Coastal .....	\$449.00



### Tall Stand

32" High with 10" Height Adjustment

5300-1011	Belmed, Accutron PC .....	\$424.00
5300-1012	Fraser, Matrx .....	\$449.00
5300-1013	Porter, Coastal .....	\$449.00

### Tall Stand with 4 Cylinder Yoke Block

Includes: 24" DISS Hoses, Cylinder Wrench, Yoke Plug



Y111	Belmed	\$3,098.00
Y112	Fraser, Matrx	\$3,198.00
Y113	Porter, Coastal, Accutron PC	\$3,198.00

## YOKE BLOCK REPLACEMENT PARTS



5404-0000-0002

High Pressure Gauge  
Oxygen .....

\$80.00



5404-0000-0003

High Pressure Gauge  
Nitrous Oxide .....

\$80.00



5404-0000-0008

Turn Wheel Handle, Yoke .....

\$35.00



5404-0006

Yoke Plug .....

\$40.00



5404-0000-0018

Cylinder Wrench .....

\$16.00



5404-0001

Cylinder Seals  
Reusable Metal/Viton (Set of 4)....

\$20.00



5404-0002

O2 Yoke Block Regulator.....

\$288.00

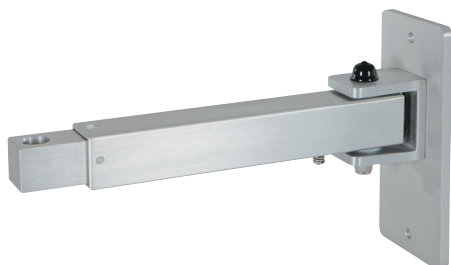


5404-0003

N2O Yoke Block Regulator.....

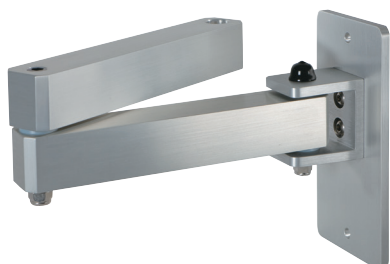
\$288.00

## MOUNTING BRACKETS



### Telescoping Wall Arm

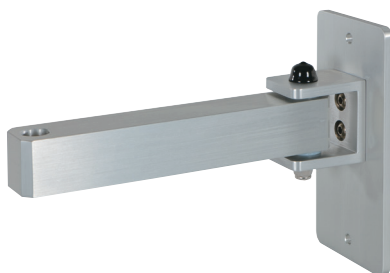
5200-0001	Belmed, Fraser, Matrix.....	\$449.00
5200-0002	Porter, Coastal, Accutron PC .....	\$459.00



### Double Swivel Wall Arm

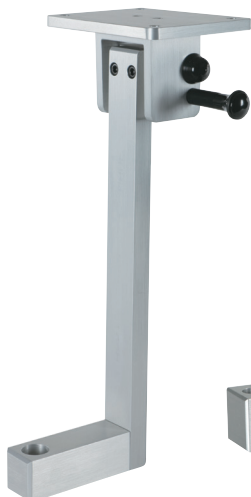
Will Fit 10" Wide Cabinet

5200-0021	Belmed, Fraser, Matrix.....	\$449.00
5200-0022	Porter, Coastal, Accutron PC .....	\$459.00



### 8" Swivel Arm

5200-0011	Belmed, Fraser, Matrix.....	\$449.00
5200-0012	Porter, Coastal, Accutron PC .....	\$459.00



### Cabinet – Flipout Bracket

5200-0031	Belmed.....	\$449.00
5200-0032	Fraser, Matrix (Top Mount Only) .....	\$459.00
5200-0033	Porter, Coastal, Accutron PC .....	\$459.00



### Stationary Arm

5200-0041	Belmed, Fraser, Matrix.....	\$449.00
5200-0042	Porter, Coastal, Accutron PC .....	\$459.00



### 2" Post Mount

5200-0051	Belmed, Fraser, Matrix.....	\$449.00
5200-0052	Porter, Coastal, Accutron PC .....	\$459.00



## MOUNTING ADAPTERS

### Mobile Stand Adapter



5100-0001	Belmed Head to Belmed, Accutron PC Mobile Stand	\$57.00
5100-0002	Belmed Head to Porter, Coastal Mobile Stand	\$57.00
5100-0003	Belmed Head to Fraser, Matrx Mobile Stand	\$57.00



### Arm Adapter

5100-0005	Belmed Head to Belmed Fraser, Matrx Wall Arm	\$59.00
5100-0006	Belmed Head to Porter, Accutron PC Wall Arm	\$59.00



5100-0008

Top Mount Adapter – Fraser, Matrx  
Top Mount Block and Stud  
Fraser, Matrx MDM, or RA Flowmeter

\$225.00



5100-0000-0009

Stud – Fraser, Matrx  
Mounting Stud 5/8" Dia. X 3" Length RA or MDM

\$65.00



5300-0000-0008

MS Adapter  
Fraser, Matrx RA or MDM to Belmed Mobile Stand

\$65.00

## RATIO FLOW CONTROLS



5000-0100

Ratio Flow Control for PC7

\$154.00

5500-0100

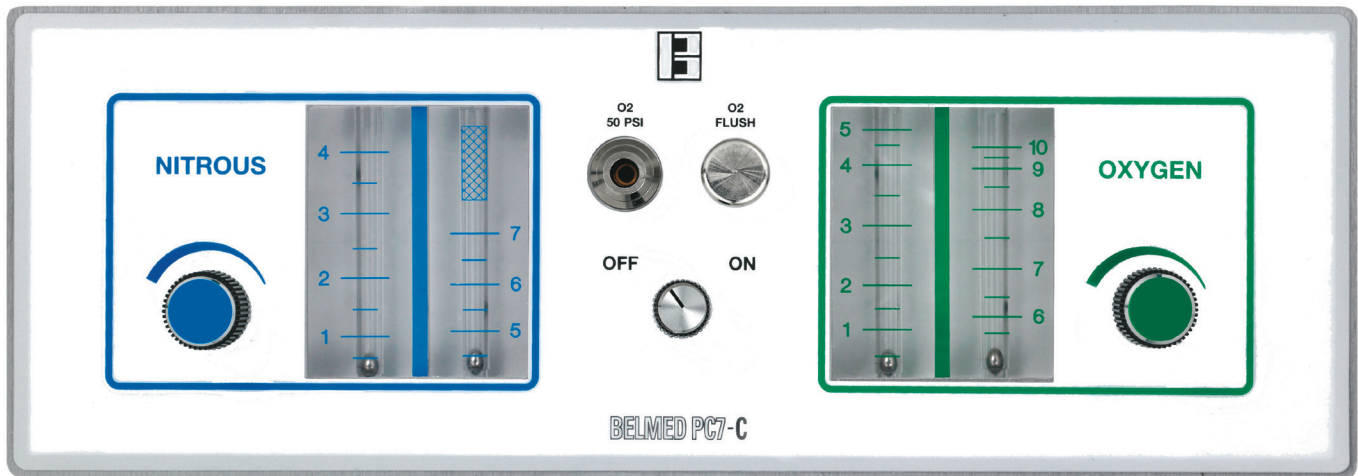
Ratio Flow Control for PC7-C

\$154.00

O2 flow rate can be reduced to as low as 1 liter per minute to match patient breathing volumes while still maintaining minimum 30% O2 and 70% maximum N2O

## PC7-C FLUSHMOUNT FLOWMETER

The PC7-C has been reconfigured to fit flush into today's cabinetry and provides the same time proven precision and dependability as our standard PC-7 unit.



Dimensions - 4.25" H X 12.187" W X 4.687" D

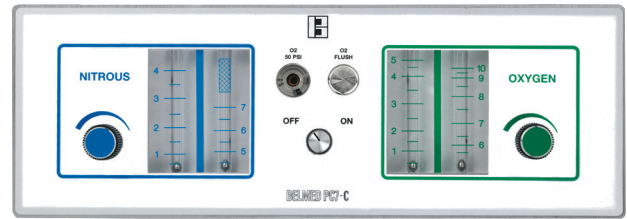
- **ON/OFF CONTROL.** Simple 1/4 turn, establishes a 3 liter minimum O<sub>2</sub> flow.
- **OXYGEN FLUSH.** Provides rapid flow of oxygen directly into patient breathing circuit.
- **MICROMETER NEEDLE VALVES.** Allow quick, responsive flow adjustments. Needle valve design prevents seat damage.
- **MINIMUM 30% O<sub>2</sub>** is achieved by limiting flows to a minimum of 3 liters for O<sub>2</sub> and a maximum of 7 liters for N<sub>2</sub>O.
- **DUAL CASCADING FLOWMETER TUBES.** O<sub>2</sub> and N<sub>2</sub>O are calibrated in liters per minute.
- **OXYGEN FAIL-SAFE.** Automatically and proportionally reduces N<sub>2</sub>O in the event O<sub>2</sub> is reduced or shut off.
- **SOLID GAS CONTROL BLOCK.** Designed to eliminate internal gas leaks.
- **O<sub>2</sub> QUICK CONNECT.** Provides connection of auxiliary resuscitation equipment.
- **NRB CHECK VALVE.** Prevents the rebreathing of expired gases and guards against CO<sub>2</sub> build-up.
- **EMERGENCY AIR VALVE.** Entrain ambient air into the breathing circuit in the event flow from the machine is lost for any reason.

## FLUSHMOUNT FLOWMETER SYSTEM

**Flowmeter Head Only PC7-C .....\$3,498.00**

**5500 Includes:**

Flushmount Flowmeter, Remote Breathing Circuit, 10ft. Mixed Gas Hose



**Flowmeter System PC7-C .....\$4,598.00**

**F501 Includes:**

Flushmount Flowmeter, Remote Breathing Circuit, Scavenger Rubber Goods, 10ft. Mixed Gas Hose, 5ft Supply Tubings, Risers with Check Valves for O2 and N2O



## FLUSHMOUNT FLOWMETER PARTS



5500-0009

Remote Breathing Circuit  
Can be Mounted Vertically or Horizontally

\$398.00



5500-0022

Accessory Angle  
Top or Side Mount for Remote Breathing Circuit

\$164.00



5500-0021

Sliding Bracket  
Includes: Accessory Angle  
Top or Side Mount – Extends Min. 12" to Max. 27"

\$310.00



8000-3005

O2 Supply Tubing  
5ft. Long DISS X 90° DISS  
(May be Ordered to Custom Lengths)

\$136.00



8100-3005

N2O Supply Tubing  
5ft. Long DISS X 90° DISS  
(May be Ordered to Custom Lengths)

\$136.00



V100

Oxygen Riser with Check Valve

\$153.00



V101

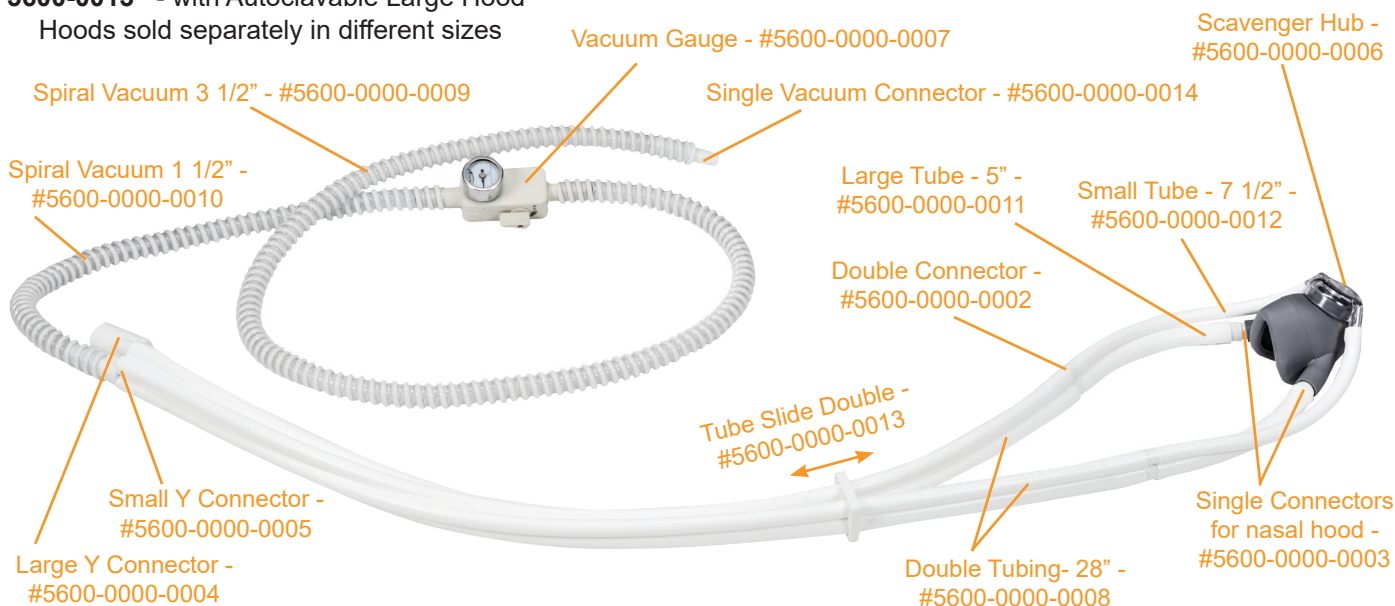
Nitrous Oxide Riser with Check Valve

\$153.00

## SCAVENGER

### Scavenger Inhaler Only.....\$725.00

- 5600-0011** - with Autoclavable Small (Pedo) Hood  
**5600-0012** - with Autoclavable Medium (Adult) Hood  
**5600-0013** - with Autoclavable Large Hood  
 Hoods sold separately in different sizes



### Scavenger Package.....\$810.00

- 5600-0001** - Small (Pedo) Package  
**5600-0002** - Medium (Adult) Package  
**5600-0003** - Large Package  
 Includes: Scavenger Inhaler with Autoclavable Hood,  
 (specify size: S,M,L), 3L Breathing Bag, 22mm I. D. X 32" Length  
 Breathing Tube



## RUBBER GOODS



**5600-0022** Breathing Tube  
 22mm I. D. X 32" Length, Corrugated \$49.00

**5600-0023** Breathing Tube Large  
 22mm I. D. X 72" Length, Corrugated \$79.00



**5600-0021** Breathing Bag  
 3L Neoprene \$46.00

## SCAVENGER REPLACEMENT PARTS



**5600-0000-0002** Double Connector  
 for Scavenging Circuit (2/pkg) \$34.00



**5600-0000-0003** Single Connector  
 for Nasal Hood (2/pkg) \$34.00



## SCAVENGER

### SCAVENGER REPLACEMENT PARTS (CONT.)

	5600-0000-0004	Large "Y" Connector for Scavenging System	\$34.00
	5600-0000-0005	Small "Y" Connector for Scavenging System	\$34.00
	5600-0000-0006	Scavenger Hub (Clear Disk)	\$57.00
	5600-0000-0007	Vacuum Gauge	\$177.00
	5600-0000-0008	Double Tubing (Order 2)	\$34.00
	5600-0000-0009	Spiral Vacuum – 3 1/2'	\$19.00
	5600-0000-0010	Spiral Vacuum – 1 1/2'	\$19.00
	5600-0000-0011	5" Large Tube (Order 2)	\$19.00
	5600-0000-0012	7 1/4" Small Tube (Order 2)	\$19.00
	5600-0000-0013	Tube Slide Double	\$34.00
	5600-0000-0014	Single Vacuum Connector	\$19.00
	5600-0000-0015	90° Elbow – 22mm I. D. X 22mm O.D.	\$27.00
	5600-0000-0016	Hood, Multi-Use Small (Pedo)	\$120.00
	5600-0000-0017	Hood, Multi-Use Medium (Adult)	\$120.00
	5600-0000-0018	Hood, Multi-Use Large	\$120.00

## EMERGENCY OXYGEN EQUIPMENT

### MANUAL RESUSCITATOR

Portable System .....\$849.00

**E100 Includes:**  
"E" Cylinder Cart, 0-15LPM Regulator,  
Manual Resuscitator, Adult Face Mask,  
Cylinder Wrench (Cylinder Not Included)



Manual Resuscitator .....\$249.00

**9600-0000-0002 Includes:**  
Resuscitator with Adult Face Mask



### DEMAND VALVE

Portable System .....\$1,599.00

**E200 Includes:**  
"E" Cylinder Cart, Demand Valve,  
50psi Regulator, Child Face Mask, Adult  
Face Mask, Cylinder Wrench  
(Cylinder Not Included)



Demand Valve – Imperial .....\$783.00

**E201 Includes:**  
Demand Valve, 8ft Hose  
with Imperial Quick Connect,  
Adult Face Mask, Child Face Mask



Demand Valve – Puritan .....\$783.00

**E202 Includes:**  
Demand Valve, 8ft Hose  
with Puritan Quick Connect,  
Adult Face Mask, Child Face Mask



Demand Valve – Ohio .....\$783.00

**E203 Includes:**  
Demand Valve, 8ft Hose  
with Ohio Quick Connect,  
Adult Face Mask, Child Face Mask



Demand Valve – Chemetron .....\$783.00

**E204 Includes:**  
Demand Valve, 8ft Hose  
with Chemetron Quick Connect,  
Adult Face Mask, Child Face Mask



Demand Valve – DISS .....\$783.00

**E205 Includes:**  
Demand Valve, 8ft Hose  
with Hand-Tight DISS Connection,  
Adult Face Mask, Child Face Mask



## EMERGENCY OXYGEN EQUIPMENT REPLACEMENT PARTS



9600-0000-0001

"E" Cylinder Cart

\$198.00



9600-0000-0005

Child Face Mask  
Clear with Chin Support Cup  
22mm I.D. Connection

\$84.00



9600-0000-0004

Adult Face Mask  
Clear with Chin Support Cup  
22mm I.D. Connection

\$84.00



4900-0000-0021

Single High Pressure Gauge  
50psi Pre-Set

\$449.00



4900-0000-0022

Two Gauge Adjustable Liter Flow  
0 - 15 LPM

\$429.00



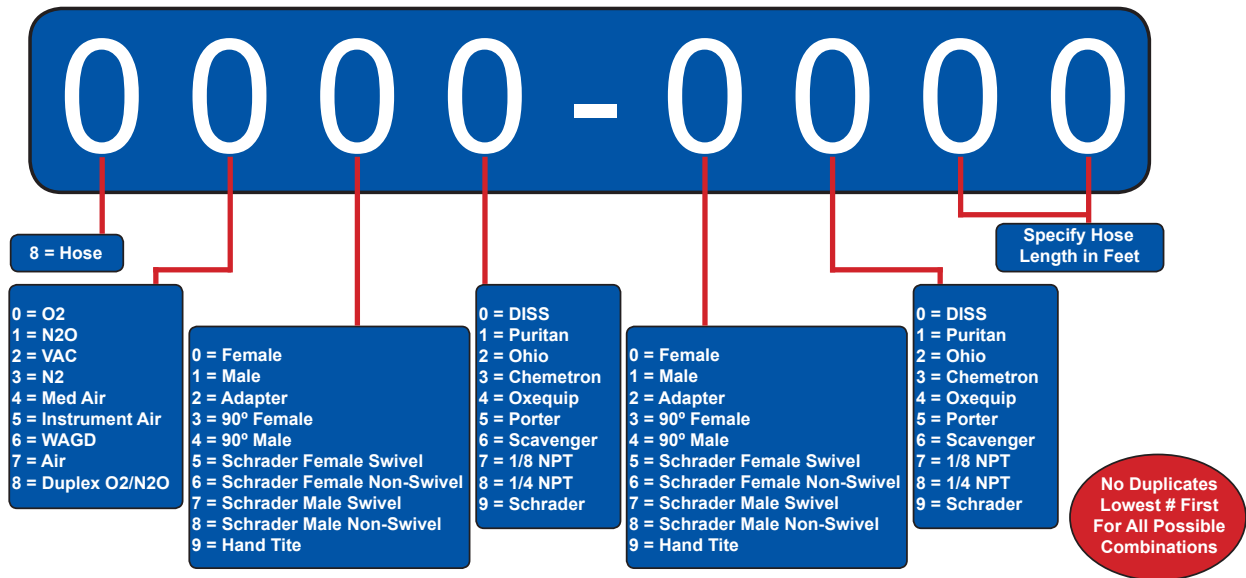
5404-0000-0018

Cylinder Wrench

\$16.00

## HOSE ASSEMBLIES

Belmed can create any hose you need. Please use diagram below to create a hose to your specifications or browse through commonly used hoses on the following page.



### DISS Style



Oxygen



Nitrous Oxide



Vacuum



Nitrogen

## MALE X FEMALE QUICK CONNECT

### Puritan



Oxygen



Nitrous Oxide



Vacuum

### Ohio (Matrix)



Oxygen



Nitrous Oxide



Vacuum

### Chemetron (NCG)



Oxygen



Nitrous Oxide



Vacuum

### Oxequip



Oxygen

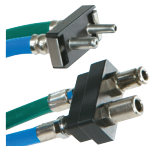


Nitrous Oxide



Vacuum

### Porter/Accutron



Oxygen/Nitrous  
Oxide Duplex



Vacuum

### Schrader



### Scavenging Adapter Kit





## COMMON HOSES - 3 FT & 5 FT EXAMPLES (Any length can be made)

### DISS Style DISS Nut X DISS Nut

	Common 3 FT	Common 5 FT	
Oxygen .....	8000-0003 .....	8000-0005 .....	\$120.00
Nitrous Oxide .....	8100-0003 .....	8100-0005 .....	\$120.00
Vacuum .....	8200-0003 .....	8200-0005 .....	\$120.00
Nitrogen .....	8300-0003 .....	8300-0005 .....	\$120.00

### QUICK CONNECT STYLE

#### Male Quick Connect X DISS Nut

	Common 3 FT	Common 5 FT	
Puritan Oxygen .....	8000-1103 .....	8000-1105 .....	\$132.00
Puritan Nitrous Oxide .....	8100-1103 .....	8100-1105 .....	\$132.00
Ohio (Matrx) Oxygen .....	8000-1203 .....	8000-1205 .....	\$132.00
Ohio (Matrx) Nitrous Oxide .....	8100-1203 .....	8100-1205 .....	\$132.00
Chemetron (NCG) Oxygen .....	8000-1303 .....	8000-1305 .....	\$132.00
Chemetron (NCG) Nitrous Oxide .....	8100-1303 .....	8100-1305 .....	\$132.00
Oxequip Oxygen .....	8000-1403 .....	8000-1405 .....	\$132.00
Oxequip Nitrous Oxide .....	8100-1403 .....	8100-1405 .....	\$132.00
Porter/Accutron O2/N2O Duplex .....	8800-1503 .....	8800-1505 .....	\$268.00

#### Male Quick Connect X Scavenging Adapter Kit

	Common 3 FT	Common 5 FT	
Puritan Vacuum .....	8211-2603 .....	8211-2605 .....	\$132.00
Ohio (Matrx) Vacuum .....	8212-2603 .....	8212-2605 .....	\$132.00
Chemetron (NCG) Vacuum .....	8213-2603 .....	8213-2605 .....	\$132.00
Oxequip Vacuum .....	8214-2603 .....	8214-2605 .....	\$132.00
Porter Scavenging Vacuum .....	8215-2603 .....	8215-2605 .....	\$132.00

#### Female Quick Couplers X DISS Nut

	Common 3 FT	Common 5 FT	
Puritan Oxygen .....	8000-0103 .....	8000-0105 .....	\$229.00
Puritan Nitrous Oxide .....	8100-0103 .....	8100-0105 .....	\$229.00
Puritan Vacuum .....	8200-0103 .....	8200-0105 .....	\$229.00
Ohio (Matrx) Oxygen .....	8000-0203 .....	8000-0205 .....	\$229.00
Ohio (Matrx) Nitrous Oxide .....	8100-0203 .....	8100-0205 .....	\$229.00
Ohio (Matrx) Vacuum .....	8200-0203 .....	8200-0205 .....	\$229.00
Chemetron (NCG) Oxygen .....	8000-0303 .....	8000-0305 .....	\$229.00
Chemetron (NCG) Nitrous Oxide .....	8100-0303 .....	8100-0305 .....	\$229.00
Chemetron (NCG) Vacuum .....	8200-0303 .....	8200-0305 .....	\$229.00
Oxequip Oxygen .....	8000-0403 .....	8000-0405 .....	\$229.00
Oxequip Nitrous Oxide .....	8100-0403 .....	8100-0405 .....	\$229.00
Oxequip Vacuum .....	8200-0403 .....	8200-0405 .....	\$229.00
Porter/Accutron O2/N2O Duplex .....	8800-0503 .....	8800-0505 .....	\$423.00
Porter/Accutron Vacuum .....	8200-0503 .....	8200-0505 .....	\$229.00

#### Male X Female Quick Connect

	Common 3 FT	Common 5 FT	
Puritan Oxygen .....	8001-1103 .....	8001-1105 .....	\$276.00
Puritan Nitrous Oxide .....	8101-1103 .....	8101-110 5 .....	\$276.00
Puritan Vacuum .....	8201-1103 .....	8201-1105 .....	\$276.00
Ohio (Matrx) Oxygen .....	8002-1203 .....	8002-1205 .....	\$276.00
Ohio (Matrx) Nitrous Oxide .....	8102-1203 .....	8102-1205 .....	\$276.00
Ohio (Matrx) Vacuum .....	8202-1203 .....	8202-1205 .....	\$276.00
Chemetron (NCG) Oxygen .....	8003-1303 .....	8003-1305 .....	\$276.00
Chemetron (NCG) Nitrous Oxide .....	8103-1303 .....	8103-1305 .....	\$276.00
Chemetron (NCG) Vacuum .....	8203-1303 .....	8203-1305 .....	\$276.00
Oxequip Oxygen .....	8004-1403 .....	8004-1405 .....	\$276.00
Oxequip Nitrous Oxide .....	8104-1403 .....	8104-1405 .....	\$276.00
Oxequip Vacuum .....	8204-1403 .....	8204-1405 .....	\$276.00
Porter/Accutron O2/N2O Duplex .....	8805-1503 .....	8805-1505 .....	\$522.00
Porter/Accutron Vacuum .....	8205-1503 .....	8205-1505 .....	\$276.00

## QUICK CONNECTS / COUPLERS




### MALE QUICK CONNECTS X MALE DISS

Scavenger (vacuum) Connectors are Male Quick Connect x 1/4" Hose Barb

#### Puritan

	6002-0000-0006	Oxygen	\$99.00
	6002-0000-1005	Nitrous Oxide	\$99.00
	8200-0000-0003	Vacuum	\$99.00


#### Chemetron (NCG)

	6002-0000-0008	Oxygen	\$99.00
	6002-0000-1007	Nitrous Oxide	\$99.00
	8200-0000-0005	Vacuum	\$99.00

#### Ohio (Matrx)

	6002-0000-0007	Oxygen	\$99.00
	6002-0000-1006	Nitrous Oxide	\$99.00
	8200-0000-0004	Vacuum	\$99.00

#### Oxequip

	6002-0000-0023	Oxygen	\$99.00
	6002-0000-1019	Nitrous Oxide	\$99.00
	8200-0000-0008	Vacuum	\$99.00

#### Porter/Accutron



8200-0000-0009	Vacuum	\$99.00
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## COUPLERS ONLY X MALE 1/4 NPT




#### Puritan

	6002-0000-0013	Oxygen	\$170.00
	6002-0000-1012	Nitrous Oxide	\$170.00
	6002-0000-2010	Vacuum	\$170.00

#### Ohio (Matrx)

	6002-0000-0014	Oxygen	\$170.00
	6002-0000-1013	Nitrous Oxide	\$170.00
	6002-0000-2011	Vacuum	\$170.00

#### Chemetron (NCG)

	6002-0000-0015	Oxygen	\$170.00
	6002-0000-1014	Nitrous Oxide	\$170.00
	6002-0000-2012	Vacuum	\$170.00

## BULK HOSE, FERRULES, CRIMPERS

Bulk Hose ..... \$8.00/ft

8000-0000-0001	Oxygen Hose
8100-0000-0001	Nitrous Oxide Hose
8200-0000-0001	Braided Vacuum Hose
8900-0000-0001	Clear Vacuum Hose
8300-0000-0001	Nitrogen Hose



Ferrules ..... \$2.00/each

6000-0000-0001



Crimping Tool..... \$138.00



6000-0000-0019



## RISERS WITH CHECK VALVES

Ideal for cabinetry etc. instead of outlet stations. DISS check valve remains closed until hose is connected. Available in kits with DISS/DISS hoses and DISS hose by female quick connect couplers. NOTE: Valves with hose assemblies available in any length. Please specify length desired.

### Risers with Check Valve Only – Oxygen/Nitrous Oxide

	(V100)	O2 Riser with Check Valve .....	\$153.00
	(V101)	N2O Riser with Check Valve .....	\$153.00

**Note:** Last two 00 in part # is length of hose. (Example: S303 is part S300 with a three foot hose.)

### Risers with Check Valves with DISS X DISS Hoses – Oxygen/Nitrous Oxide .....

#### V200 Includes:

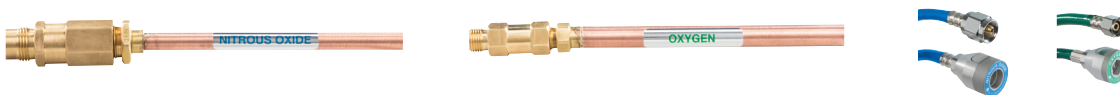
Set of Oxygen/Nitrous Oxide Risers with Check Valves and DISS X DISS Hoses



### Risers with Check Valves and DISS X Quick Connect Coupler Hoses – Oxygen/Nitrous Oxide .....

#### Includes:

- V300** Set of O2/N2O Risers with Check Valves and DISS X Puritan Quick Connect Coupler Hoses (pictured)
- V400** Set of O2/N2O Risers with Check Valves and DISS X Ohio Quick Connect Coupler Hoses
- V500** Set of O2/N2O Risers with Check Valves and DISS X Chemetron Quick Connect Coupler Hoses
- V600** Set of O2/N2O Risers with Check Valves and DISS X Oxequip Quick Connect Coupler Hoses
- V700** Set of O2/N2O Risers with Check Valves and DISS X Porter/Accutron Quick Connect Coupler Hoses



### Vacuum Shut-Off Valve .....

#### S200 Includes:

Vacuum Shut-Off Valve Assembly



### Vacuum Shut-Off Valves and Assemblies.....

#### Includes:

- S300** Vacuum Shut-Off Valve and DISS X Puritan Quick Connect Coupler Hose (pictured)
- S400** Vacuum Shut-Off Valve and DISS X Ohio Quick Connect Coupler Hose
- S500** Vacuum Shut-Off Valve and DISS X Chemetron Quick Connect Coupler Hose
- S700** Vacuum Shut-Off Valve and DISS X Porter/Accutron Quick Connect Coupler Hose
- S800** Vacuum Shut-Off Valve and DISS X Scavenger Adapter Kit Hose
- S900** Vacuum Shut-Off Valve and DISS X DISS Hose



## OUTLET STATIONS QUICK CONNECT - O2/N2O/VAC



**PURITAN**  
BELMED



**OHIO/OHMEDA**  
MATRX



**CHEMETRON (NCG)**  
COASTAL  
EARLY PORTER



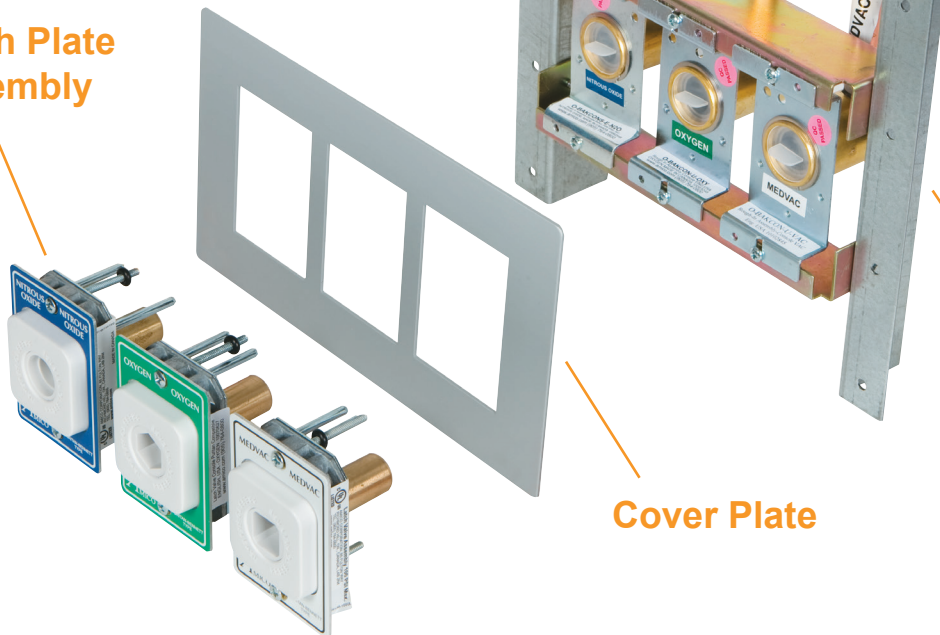
**OXEQUIP**  
CAMBIARE  
PREVIOUSLY BELMED

## BELMED, PURITAN STYLE OUTLET STATION

EXPLODED DIAGRAM OF #6500-PN  
CONCEALED OUTLET STATION

Latch assemblies also  
available for Ohio (OH) and  
Chemetron (CN) connectors

Latch Plate  
Assembly



Cover Plate

Pipelines  
on 2 1/2"  
centers

N2O always  
located to  
left of O2

N2O O.D.  
pipe size  
is 3/8" - All  
others are  
1/2" O.D.

Rough-in  
Assembly



## OUTLETS

### SINGLE OUTLET - CONCEALED ..... \$279.00

#### Nitrous Oxide

**9011-0002** Puritan Style  
**9012-0002** Ohio Style  
**9013-0002** Chemetron

#### Oxygen

**9011-0001** Puritan Style  
**9012-0001** Ohio Style  
**9013-0001** Chemetron

#### Vacuum

**9011-0003** Puritan Style  
**9012-0003** Ohio Style  
**9013-0003** Chemetron



### DOUBLE OUTLET - CONCEALED ..... \$432.00

#### Nitrous Oxide/Oxygen

**9011-1021** Puritan Style  
**9012-1021** Ohio Style  
**9013-1021** Chemetron

#### Oxygen/Vacuum

**9011-1013** Puritan Style  
**9012-1013** Ohio Style  
**9013-1013** Chemetron



### TRIPLE OUTLET - CONCEALED ..... \$683.00

#### Nitrous Oxide/Oxygen/Vacuum

**9011-2213** Puritan Style  
**9012-2213** Ohio Style  
**9013-2213** Chemetron



### EXPOSED OUTLETS ..... \$330.00

#### Nitrous Oxide

**9001-0002** Puritan Style  
**9002-0002** Ohio Style  
**9003-0002** Chemetron

#### Oxygen

**9001-0001** Puritan Style  
**9002-0001** Ohio Style  
**9003-0001** Chemetron

#### Vacuum

**9001-0003** Puritan Style  
**9002-0003** Ohio Style  
**9003-0003** Chemetron

## OUTLETS

### DOUBLE OUTLET - CABINET MOUNT OUTLET CONNECTION BY DISS.....

**\$498.00**

#### Nitrous Oxide/Oxygen

9021-1021 Puritan Style

9022-1021 Ohio Style

9023-1021 Chemetron

#### Oxygen/Vacuum

9021-1013 Puritan Style

9022-1013 Ohio Style

9023-1013 Chemetron



### TRIPLE OUTLET - CABINET MOUNT OUTLET CONNECTION BY DISS.....

**\$698.00**

#### Nitrous Oxide/Oxygen/Vacuum

9021-2213 Puritan Style

9022-2213 Ohio Style

9023-2213 Chemetron



## OXEQUIP OUTLETS

Contact Factory for Ordering Information and Pricing



# OUTLET REPLACEMENT PARTS LATCH PLATE ASSEMBLIES - CONCEALED OUTLETS .....\$99.00

## Puritan



9000-0000-0211

Oxygen



9000-0000-0212

Nitrous Oxide



9000-0000-0213

Vacuum

## Ohio



9000-0000-0221

Oxygen



9000-0000-0222

Nitrous Oxide



9000-0000-0223

Vacuum

## Chemetron



9000-0000-0231

Oxygen



9000-0000-0232

Nitrous Oxide



9000-0000-0233

Vacuum

## DISS



9000-0000-0201

Oxygen



9000-0000-0202

Nitrous Oxide



9000-0000-0203

Vacuum



9000-0000-0204

Nitrogen

# LATCH PLATE ASSEMBLIES - EXPOSED OUTLETS .....\$99.00

## Puritan



9000-0000-0111

Oxygen



9000-0000-0112

Nitrous Oxide



9000-0000-0113

Vacuum

## Ohio



9000-0000-0121

Oxygen



9000-0000-0122

Nitrous Oxide



9000-0000-0123

Vacuum

## Chemetron



9000-0000-0131

Oxygen



9000-0000-0132

Nitrous Oxide



9000-0000-0133

Vacuum

**Super 6 Special!**  
Buy 6 "complete" systems and  
receive an entire system FREE!\*

Systems included: F100, F200, F250,  
F300, F400, F401, F402, F403, F404,  
M100, M101, M105, M160, M161, M165

Contact Belmed for full details.

\*Scavenger package not included with free unit.



## OUTLET REPLACEMENT PARTS

### ROUGH-IN ASSEMBLIES, CONCEALED



#### Single Outlet

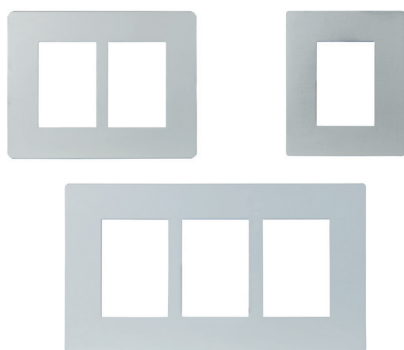
9000-0000-0001	Oxygen .....	\$162.00
9000-0000-0002	Nitrous Oxide .....	\$162.00
9000-0000-0003	Vacuum .....	\$162.00

#### Double Outlet

9000-0000-0011	Nitrous Oxide/Oxygen .....	\$290.00
9000-0000-0012	Oxygen/Vacuum .....	\$290.00

#### Triple Outlet

9000-0000-0021	.....	\$399.00
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### COVER PLATES

9000-0000-0041	Single, Concealed	\$38.00
9000-0000-0042	Double, Concealed	\$48.00
9000-0000-0043	Triple, Concealed	\$58.00

### EXPOSED OUTLET BOX

9000-0000-0044	Exposed Single Box	\$128.00
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### OUTLET PARTS - PURITAN, OHIO, CHEMETRON



9000-0000-0051	Rough – In Repair Kit	\$72.00
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9000-0000-0052	<b>PURITAN</b> All Gas Latch Plate Repair Kit	\$72.00
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9000-0000-0053	<b>OHIO OR CHEMETRON</b> All Gas Latch Plate Repair Kit	\$72.00
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## OUTLET REPLACEMENT PARTS

### OUTLET PARTS - OXEQUIP

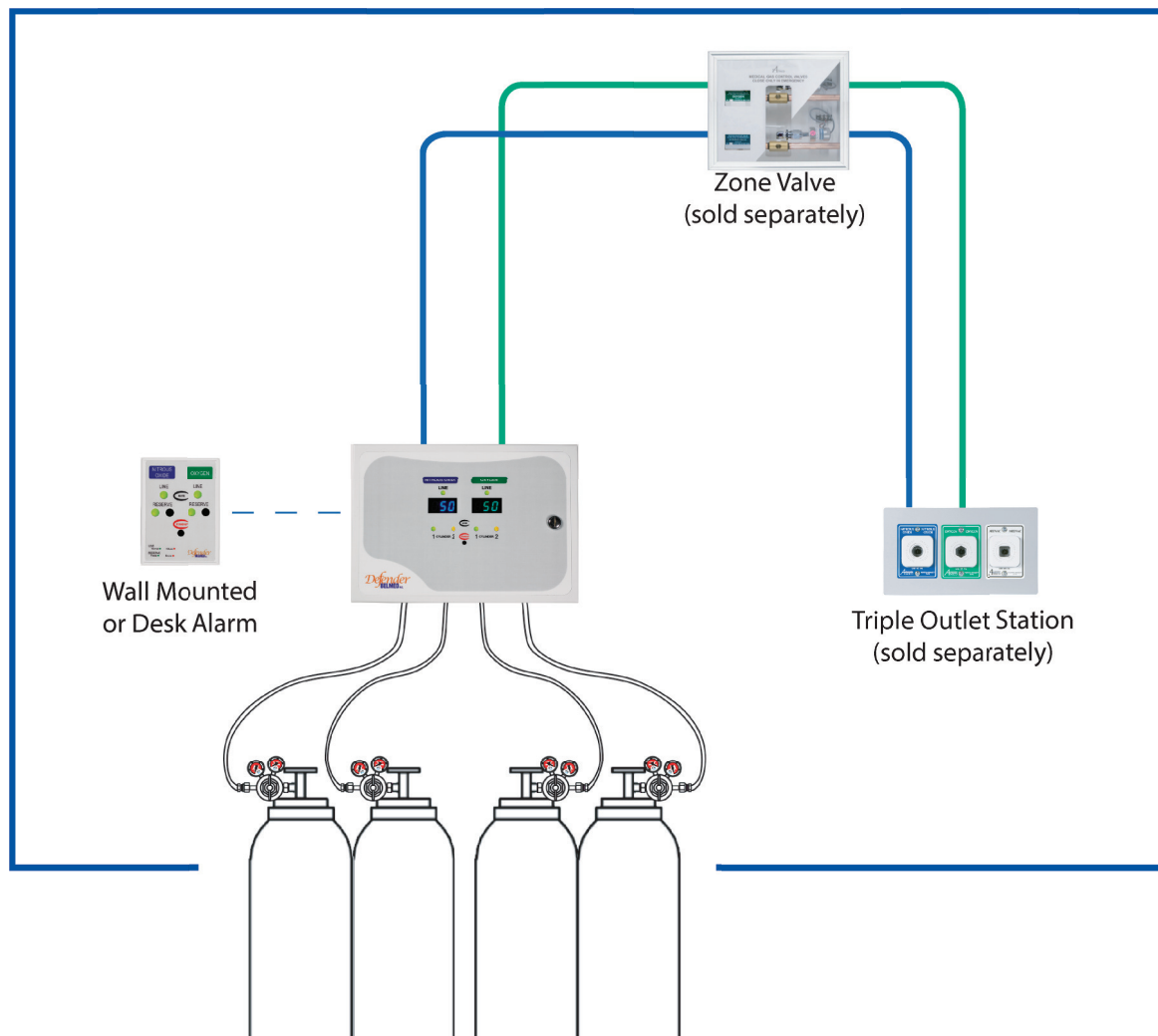
	9100-0000-0021	Rebuild Kit – Vacuum	\$89.00
	9100-0000-0020	Rebuild Kit – All Gases (Except Vacuum)	\$89.00
	9100-0000-0017	Tumbler - Oxygen	\$89.00
	9100-0000-0018	Tumbler - Nitrous Oxide	\$89.00
	9100-0000-0019	Tumbler - Vacuum	\$89.00
	9100-0000-0016	Cam Plate	\$89.00
	9100-0000-0012	Mounting Ring	\$89.00
	9100-0000-0022	Seat Seals (6/Pk)	\$89.00

### COVER PLATES - OXEQUIP

	9100-0000-0004	Cover Plate – Single – Concealed	\$49.00
	9100-0000-0005	Cover Plate – Double – Concealed	\$69.00
	9100-0000-0006	Cover Plate – Triple – Concealed	\$89.00



# *Defender* AUTOMATIC CHANGEOVER MANIFOLD



The Belmed *Defender* Automatic Changeover Manifold is the perfect manifold solution for your dental nitrous oxide delivery system. The Defender can accommodate two cylinders for both oxygen and nitrous oxide. This manifold is fully automatic and will switch from “In-Use” to “Reserve” tank without fluctuations in the gas delivery. The “Empty” indicator will remain lit until a new cylinder is connected and the appropriate pressure is detected by the manifold. The system is auto-sensing... no need to manually reset the manifold after a cylinder change.

- Easy to read LED display clearly shows gas pressures and cylinder status
- Automatic detection of cylinder pressure, no manual reset is required
- Medical grade sensors that give you the reliability you need
- Integrated Dry Contacts for additional remote monitoring
- Complies with NFPA 99

## Defender AUTOMATIC CHANGEOVER MANIFOLD SYSTEMS



### Defender Automatic Changeover Manifold System with Alarm & Pre-Install Kit .....\$6,049.00

**A100** Manifold System with Wall Alarm & Pre-Install Kit

**A101** Manifold System with Desk Alarm & Pre-Install Kit

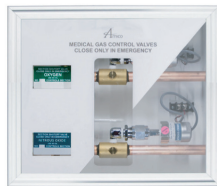
Includes: Automatic Changeover Manifold, Alarm, Regulators, Hoses, Tank Restraints, and Pre-Install Kit

### Defender Automatic Changeover Manifold System with Alarm .....\$5,799.00

**A120** Manifold System with Wall Alarm

**A121** Manifold System with Desk Alarm

Includes: Automatic Changeover Manifold, Alarm, Regulators, Hoses, and Tank Restraints



### Defender Pre-Install Kit .....\$250.00

**A130** Includes: Pipeline Connectors, Cable, and Gas Identification Labels

### Defender Zone Valve Shut-Off .....\$1,798.00

**A150** Includes: Zone Valve for Defender Automatic Changeover Manifold and Cable

## ADDITIONAL ACCESSORIES



**7100**  
Defender O2  
Pipeline Connector

\$95.00



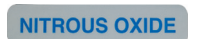
**7120**  
Defender N2O  
Pipeline Connector

\$95.00



**6000-0000-1003**  
O2 Gas Identification  
Label (6 Pk)

\$15.00



**6000-0000-1004**  
N2O Gas Identification  
Label (6 Pk)

\$15.00



**3450-0000-0002**  
Transformer  
Desk Style Alarm 12VAC

\$99.00



**4024-0000-0012**  
Defender Cable  
(100ft)

\$99.00



**4054-0000-0001**  
Defender Zone  
Valve Cable

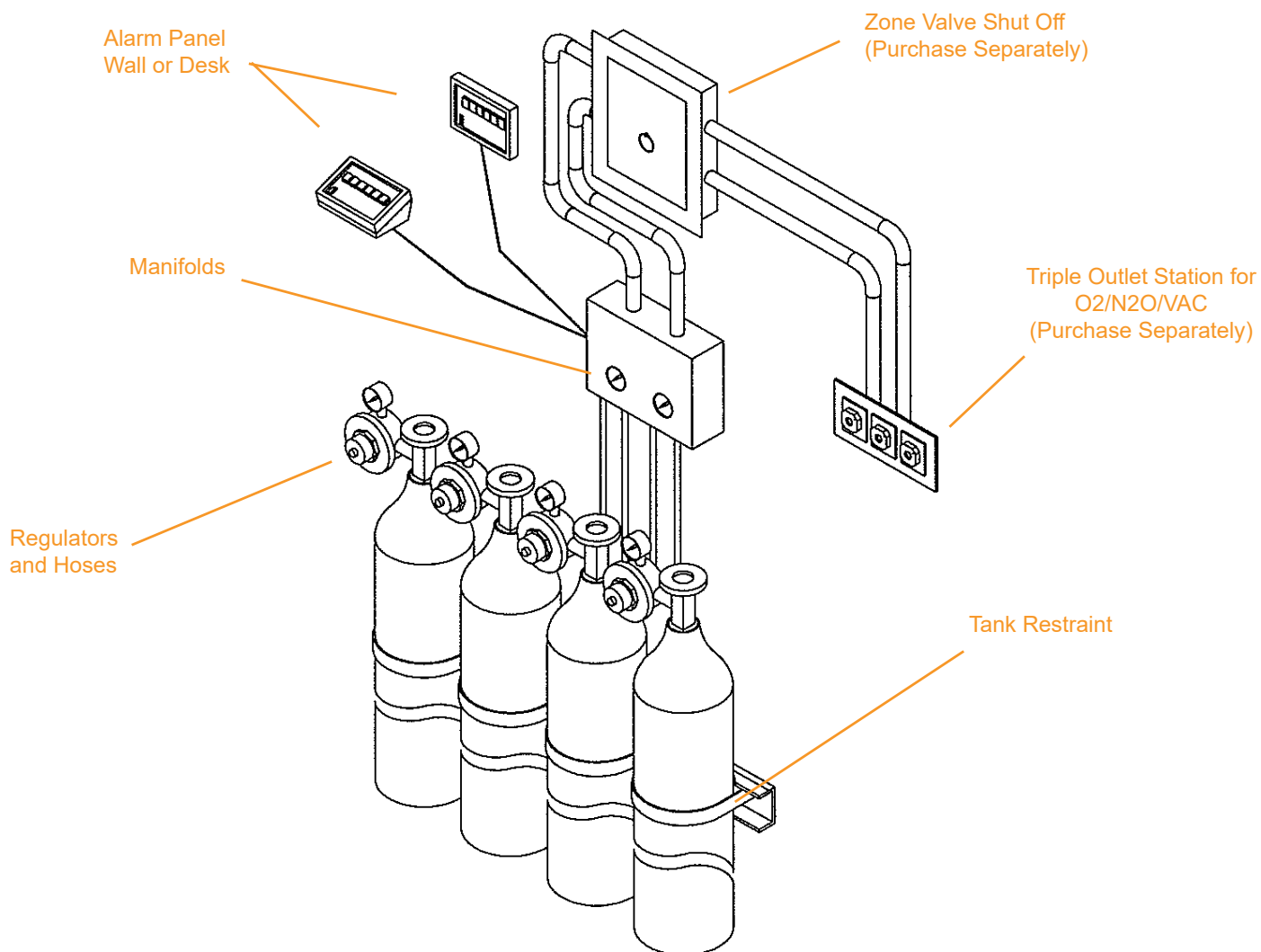
\$3.25/ft



**4022-0000-0050**  
Tank Restraint  
Holds two G/H Size Cylinders

\$119.00

## MANUAL MANIFOLD SYSTEM



### Manifold System Dimensions

11.5"H X 9.25"W X 3"D

### Alarm Size

Wall - 5"H X 7"W X 0.75"D  
Desk - 5"H X 7"W X 4"D

### Relief Valve Pressure

75 PSI

### Normal Working Pressure

50-55 PSI

### Maximum Hose Pressure

250 PSI (1000 PSI BURST)

### Hose Length

48"

### Outlet Line Size

Oxygen :  
1/2" OD Copper  
Nitrous Oxide:  
3/8" OD Copper

### Low Pressure Alarm Point

40 PSI

### High Pressure Alarm Point

65 PSI

### Primary Voltage to Alarm

12 VAC

### Wire

Manifold to Alarm:  
50' - 5 Conductor/22 GA. Plenum  
Transformer to Alarm:  
30' - 2 Conductor/22 GA. Plenum

### Fuse

5MM X 20MM - 0.5 AMP

### NFPA 99

Category 3 Compliant

# MANUAL MANIFOLD SYSTEMS • O<sub>2</sub>/N<sub>2</sub>O COMPLETE SYSTEMS



## Manual Manifold System with Alarm & Pre-Install Kit.....\$4,399.00

- M100** Manifold System with Wall Alarm & Pre-Install Kit  
**M101** Manifold System with Wall Alarm & Pre-Install Kit (Existing Wall)  
**M105** Manifold System with Desk Alarm & Pre-Install Kit  
 Includes: Manifold, Alarm, Cables, Regulators, Hoses, Tank Restraints, and Pre-Install Kit

## Manual Manifold System with Alarm.....\$4,189.00

- M120** Manifold System with Wall Alarm  
**M125** Manifold System with Desk Alarm  
 Includes: Manifold, Alarm, Cables, Regulators, Hoses, and Tank Restraints



## Manual Manifold Pre-Install Kit .....\$210.00

- M130** Wall  
**M131** Wall (Existing Wall)  
**M135** Desk  
 Includes: Pipeline Connectors, necessary cables and alarm mounting arrangement for wall or desk style alarm

## Manual Manifold Zone Valve Shut-Off.....\$1,499.00

- M150** Includes: Frangible Cover, O<sub>2</sub>/N<sub>2</sub>O ¼ Turn Shut-Offs, Alarm Pressure Switches  
 Dimensions: 15"H x 12"W x 4"D  
 \*Designed for recessed installation but may be surface mounted

## COMPONENTS



## Manifold Only.....\$2,298.00

- 4022** 2 Oxygen / 2 Nitrous Oxide Cylinder(s) Manifold



## Wall Alarm Kit .....\$1,049.00

- M110** Includes: Alarm, Transformer, Cable, Pressure switches  
**M111** (Existing Wall) Includes: Alarm, Transformer, Cable, Pressure switches



## Desk Alarm Kit.....\$1,049.00

- M115** Includes: Alarm, Transformer, Cable, Pressure switches

## MANUAL OXYGEN MANIFOLD SYSTEMS



### 2 Oxygen Cylinder Manifold System with Alarm & Pre-Install Kit..... \$3,225.00

- M160** Oxygen Manifold System with Wall Alarm & Pre-Install Kit  
**M161** Oxygen Manifold System with Wall Alarm & Pre-Install Kit (Existing wall)  
**M165** Oxygen Manifold System with Desk Alarm & Pre-Install Kit  
 Includes: Manifold, Alarm, Transformer, Regulators, Hoses, Tank restraints, & Pre-install kit

### 2 Oxygen Cylinder Manifold System with Alarm..... \$3,015.00

- M180** Oxygen Manifold System with Wall Alarm  
**M181** Oxygen Manifold System with Wall Alarm (Existing wall)  
**M185** Oxygen Manifold System with Desk Alarm  
 Includes: Manifold, Alarm, Transformer, Regulators, Hoses, & Tank restraints

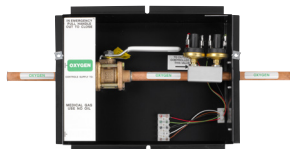
### 2 Oxygen Cylinder Manifold Pre-Install Kit ..... \$210.00

- M190** Wall  
**M191** Wall (Existing wall)  
**M195** Desk  
 Includes: Pipeline connectors, necessary cable, and alarm mounting arrangement for wall or desk alarm



### 2 Oxygen Cylinder Manifold Zone Valve Shut-Off ..... \$1,299.00

- M155** Includes: Frangible cover, O2 1/4 Turn Shut-Offs, Alarm Pressure Switches  
 \*Designed for recessed installation but may be surface mounted



## COMPONENTS

### 2 Oxygen Cylinder Manifold ..... \$1,598.00

- 4020** Oxygen Manifold – 2 Cylinders



### Oxygen Wall Alarm Kit ..... \$1,049.00

- M170** Includes: Alarm, Transformer, Cables  
**M171** (Existing Wall) Includes: Alarm, Transformer, Cables



### Oxygen Desk Alarm Kit ..... \$1,049.00

- M175** Includes: Alarm, Transformer, Cables





# MANIFOLD SYSTEM REPLACEMENT PARTS



**4022-0003**  
Oxygen Pipeline Connector  
O2 DISS Nut X 1/2"  
O.D. Tube (6" Length)  
\$73.00



**4022-0004**  
Nitrous Oxide Pipeline Connector  
N2O DISS Nut X 3/8"  
O. D. Tube (6" Length)  
\$73.00



**4022-0000-0005**  
Oxygen Gauge 2" Diameter  
Male 1/4" NPT C.B. Connection  
\$73.00



**4022-0000-0006**  
Nitrous Oxide Gauge 2" Diameter  
Male 1/4" NPT C.B. Connection  
\$73.00



**4022-0000-0007**  
Relief Valve Preset  
75psi for Oxygen  
or Nitrous Oxide  
\$73.00



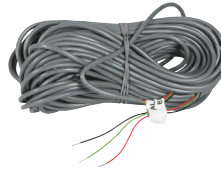
**4022-0000-0050**  
Tank Restraint  
Holds two G/H Size Cylinders  
\$125.00



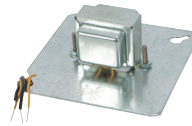
**6000-0000-3006**  
Cable, 5 Conductor  
Manifold to Wall Alarm,  
Plenum Wall/Desk  
\$2.05/Ft



**6000-0000-3008**  
Cable, 2 Conductor  
Transformer to Alarm, Plenum  
\$1.42/Ft



**6000-0000-3007**  
Cable, 3 Conductor  
Manifold to Alarm  
(Oxygen Only Manifold), Plenum  
\$1.93/Ft



**3000-0003**  
Transformer  
Wall Style Alarm 12VAC  
\$86.00



**3050-0000-0003**  
Transformer  
Desk Style Alarm  
12VAC  
\$86.00



**3000-0004**  
Alarm Bulbs - Grey  
(Serial #s 4757 & Above)  
6 Pack  
\$32.00



**3000-0005**  
Alarm Bulbs - White  
(Serial #s 4756 & Below)  
6 Pack  
\$32.00

**6002-0000-0003**  
Manifold Check Valve –  
Oxygen Male 1/8"  
NPT X O2 Male DISS  
\$53.00



**6002-0000-1002**  
Manifold Check Valve –  
Nitrous Oxide Male 1/4"  
NPT X N2O Male DISS  
\$53.00



**4022-0000-0004**  
Pressure Switch High 65psi  
(Specify Gas)  
\$118.00

**4022-0000-0003**  
Pressure Switch Low 40psi  
(Specify Gas)  
\$118.00

## ORAL SURGERY PACKAGES

### Oral Surgery Flowmeter System with 4 Cylinder Yoke Block .....\$6,598.00

**F900 Includes:**

PC-7 Head, Scavenger Rubber Goods, "Y" Selector Valve Package, Tall Mobile Stand, 4 Cylinder Yoke Block, DISS Hoses (2ft.)



### Oral Surgery Flowmeter System with Telescoping Arm .....\$4,298.00

**F901 Includes:**

PC-7 Head, Scavenger Rubber Goods, "Y" Selector Valve Package, Telescoping Arm



### Flowmeter "Y" Selector Valve Package .....\$1,150.00

**F950 Includes:**

"Y" Selector Valve, Breathing Tube, Non-Rebreathing Valve, Child Full Face Mask, Adult Full Face Mask



## COMPONENTS - "Y" SELECTOR VALVE



9650-0000-0001

"Y" Selector Valve

Connection: 22mm O.D. – Ports: 22mm O.D. X 15mm I.D.

\$749.00



9650-0000-0002

Non-Rebreathing Valve

Positive Pressure Thumb Button Adjustable Relief Valve 90°

\$272.00



9600-0000-0005

Child Face Mask

Clear with Chin Support Cup – 22mm I.D. Connection

\$84.00



9600-0000-0004

Adult Face Mask

Clear with Chin Support Cup – 22mm I.D. Connection

\$84.00



5600-0022

Breathing Tube

22mm I. D. X 32" Length, Corrugated

\$49.00

## ORAL SURGERY SURGICAL SUCTION VACUUM COLLECTION UNITS



S100

**PURITAN**

Includes: Vacuum Regulator, 6' Clear Vacuum Tubing, Wall Plate, Canister Holder, Six 1500 ml Single-Use Canisters

\$889.00



S101

**OHIO**

Includes: Vacuum Regulator, 6' Clear Vacuum Tubing, Wall Plate, Canister Holder, Six 1500 ml Single-Use Canisters

\$889.00



S102

**CHEMETRON**

Includes: Vacuum Regulator, 6' Clear Vacuum Tubing, Wall Plate, Canister Holder, Six 1500 ml Single-Use Canisters

\$889.00



S103

**OXEQUIP**

Includes: Vacuum Regulator, 6' Clear Vacuum Tubing, Wall Plate, Canister Holder, Six 1500 ml Single-Use Canisters

\$889.00



9500-0001

**PURITAN** Vacuum Regulator

\$612.00

9500-0002

**OHIO** Vacuum Regulator

\$612.00

9500-0003

**CHEMETRON** Vacuum Regulator

\$612.00

9500-0004

**OXEQUIP** Vacuum Regulator

\$612.00



9500-0011

Replacement Canisters  
Six 1500 ml Single-Use Canisters

\$98.00



9500-0000-0003

Canister Holder

\$55.00



9500-0000-0004

Wall Plate

\$79.00



8900-0000-0002

Clear Vacuum Tube  
6 Ft.

\$48.00

## ORAL SURGERY NITROGEN MANIFOLD SYSTEMS

### 2 Nitrogen Cylinders System.....\$2,898.00

**N100** Includes:  
Manifold, Regulators, Hoses,  
Tank Restraints



### 3 Nitrogen Cylinders System.....\$3,398.00

**N150** Includes:  
Manifold, Regulators, Hoses,  
Tank Restraints



## NITROGEN MANIFOLD COMPONENTS



4500

Nitrogen Manifold – 2 Cylinders

\$1,598.00

4501

Nitrogen Manifold - 3 Cylinders

\$1,750.00



4022-0000-0050

Tank Restraint  
Holds two G/H-Size Cylinders

\$125.00

## NITROGEN OUTLET STATIONS – DISS



9010-0004

Nitrogen DISS Outlet - Concealed

\$349.00



9000-0004

Nitrogen DISS Outlet - Exposed

\$399.00

## ORAL SURGERY

### QUICK CONNECTORS FOR SURGICAL HAND PIECES

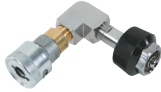


4552

#### Stryker Drill Adapter

Nitrogen DISS Hand-Tight Nut X Eastman  
Quick Connect 90°

\$245.00



4550

#### Hall Drill Adapter

Nitrogen DISS Hand-Tight Nut X  
Schrader Coupler 90°

\$245.00



4553

#### Adjustable Pressure Regulator – Stryker

0-150psi with Gauge

\$369.00

4551

#### Adjustable Pressure Regulator – Hall

0-150psi with Gauge

\$369.00

### OXYGEN FLOWMETER – RECOVERY ROOM



9700-0001

#### PURITAN QUICK CONNECT

Oxygen Therapy Flowmeter 0-15LPM

\$169.00

9700-0002

#### OHIO QUICK CONNECT

Oxygen Therapy Flowmeter 0-15LPM

\$169.00

9700-0003

#### CHEMETRON QUICK CONNECT

Oxygen Therapy Flowmeter 0-15LPM

\$169.00

9700-0004

#### BELMED PC7

Oxygen Therapy Flowmeter 0-15LPM

\$169.00

9700-0005

#### BELMEDPC7-C/PORTERQUICKCONNECT

Oxygen Therapy Flowmeter 0-15LPM

\$169.00

9700-0006

#### HAND-TIGHT DISS

Oxygen Therapy Flowmeter 0-15 LPM

\$169.00



9700-0000-0011

#### High Concentration Mask w/Breathing Bag

\*Connects to Therapy Flowmeter with 7ft tubing

\$13.00

### CANNULA ADAPTER



9700-0021

#### Cannula Adapter

\$86.00



9700-0000-0031

#### Nasal Cannula • 50/Box

\$146.00



## REGULATORS

### SINGLE HIGH PRESSURE GAUGE – 50PSI PRE-SET



4900-0000-0001

Oxygen

\$439.00



4900-0000-0002

Nitrous Oxide

\$439.00

### TWO GAUGE ADJUSTABLE PRESSURE



4900-0000-0013

Nitrogen

\$459.00



4900-0000-0011

Oxygen

\$459.00



4900-0000-0012

Nitrous Oxide

\$459.00

### YOKE STYLE REGULATORS



4900-0000-0021

Single High Pressure Gauge  
50psi Pre-Set

\$449.00





4900-0000-0022


Adjustable Flow


\$429.00


# FITTINGS


	Male 1/8 NPT X Male DISS		
	6002-0000-0004	O2	\$42.00
	6002-0000-1001	N2O	\$42.00
	6002-0000-2013	VAC	\$42.00


	Male 1/4 NPT X Male DISS		
	6002-0000-0001	O2	\$42.00
	6002-0000-1003	N2O	\$42.00
	6002-0000-2014	VAC	\$42.00


	1/4 Hose Barb X Female DISS		
	8000-0000-0008	O2	\$42.00
	8100-0000-0007	N2O	\$42.00
	8200-0000-0007	VAC	\$42.00


	Pressure Activated Check Valve Male 1/8 NPT X Male DISS		
	6002-0000-0003	O2	\$53.00
	6002-0000-1016	N2O	\$53.00


	Pressure Activated Check Valve Male 1/4 NPT X Male DISS		
	6002-0000-0020	O2	\$53.00
	6002-0000-1002	N2O	\$53.00


	Hose Activated Check Valve Male 1/8 NPT X Male DISS		
	6002-0000-0021	O2	\$53.00
	6002-0000-1017	N2O	\$53.00


	Hose Activated Check Valve Male 1/4 NPT X Male DISS		
	6002-0000-0022	O2	\$53.00
	6002-0000-1018	N2O	\$53.00


	1/4 Hose Barb X Female 1/8 NPT		
	6004-0000-0005		\$53.00


	1/4 Hose Barb X Female 1/4 NPT		
	6004-0000-0014		\$53.00


	1/4 Hose Barb X Male 1/8 NPT		
	6004-0000-0002		\$53.00


	1/4 Hose Barb X Male 1/4 NPT		
	6004-0000-0011		\$53.00

	Elbow - Female 1/8 NPT X Female 1/8 NPT (90°)		
	6004-0000-0010		\$32.00


	Elbow - Female 1/4 NPT X Female 1/4 NPT (90°)		
	6004-0000-0007		\$32.00


	Elbow - Male 1/8 NPT X Female 1/8 NPT (90°)		
	6004-0000-0015		\$32.00


	Elbow - Male 1/4 NPT X Female 1/4 NPT (90°)		
	6004-0000-0009		\$32.00


	Tee - Female 1/8 NPT		
	6004-0000-0016		\$32.00


	Tee - Female 1/4 NPT		
	6004-0000-0017		\$32.00


	Tee - Male 1/8 NPT X Female 1/8 NPT Ends		
	6004-0000-0018		\$32.00

	Tee - Male 1/4 NPT X Female 1/4 NPT Ends		
	6004-0000-0019		\$32.00

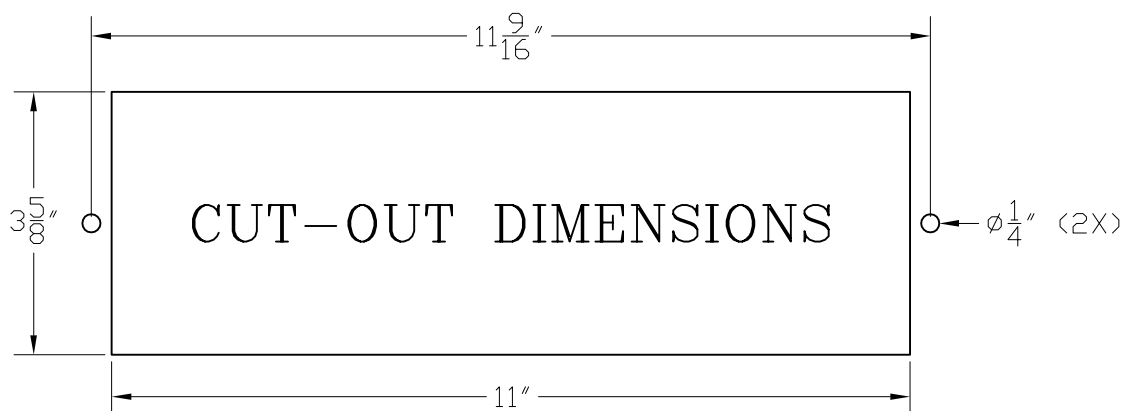
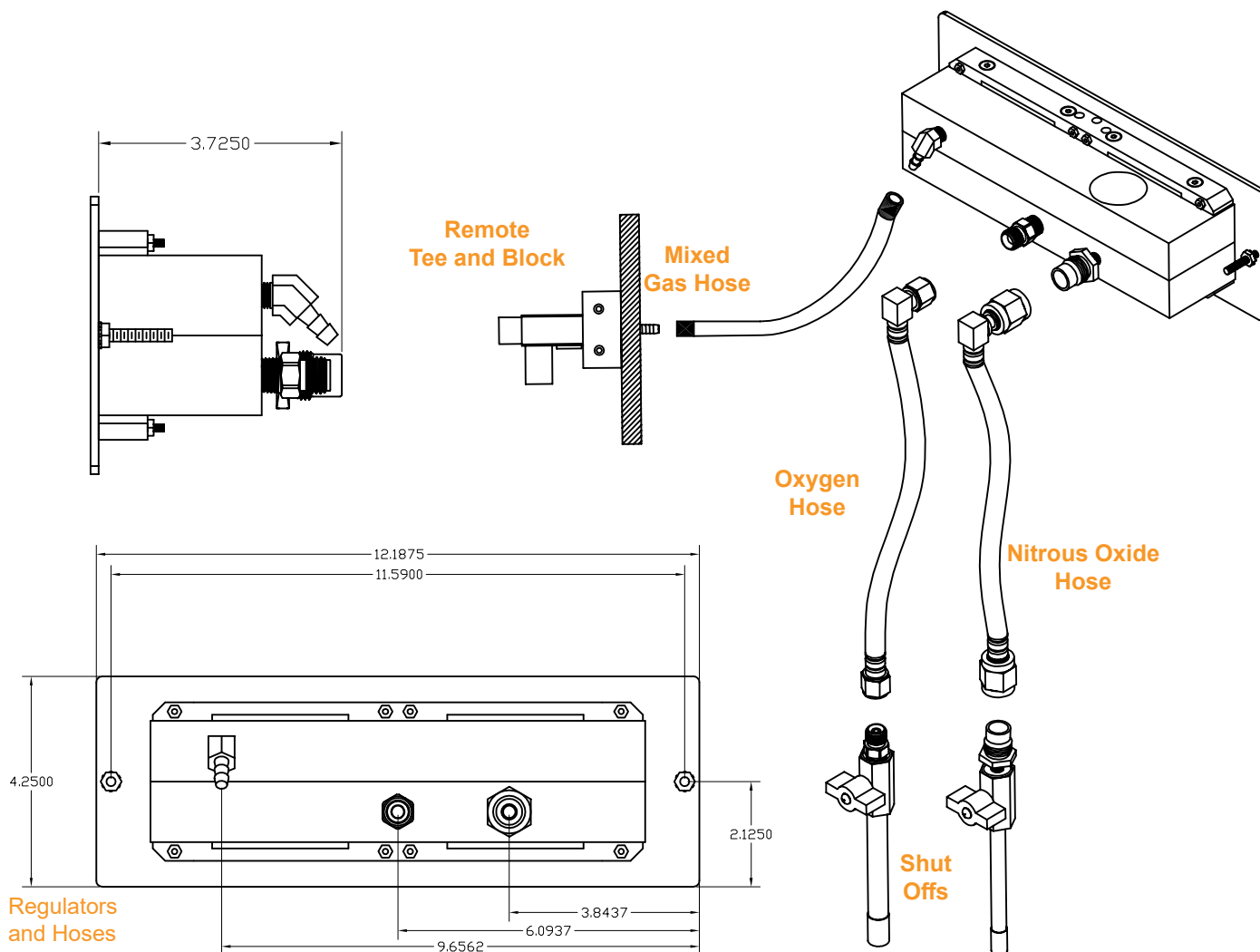
	Coupler - Female 1/8 NPT X Female 1/8 NPT		
	6004-0000-0020		\$32.00

	Coupler - Male 1/8 NPT X Male 1/8 NPT		
	6004-0000-0021		\$32.00

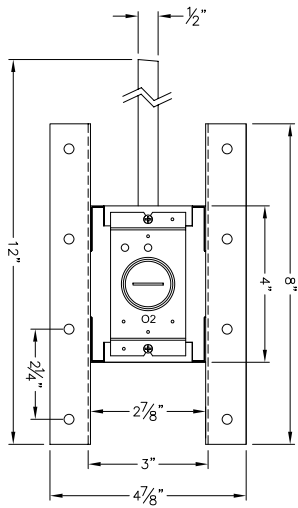
	Coupler - Female 1/4 NPT X Female 1/4 NPT		
	6004-0000-0022		\$32.00

	Coupler - Male 1/4 NPT X Male 1/4 NPT		
	6004-0000-0023		\$32.00

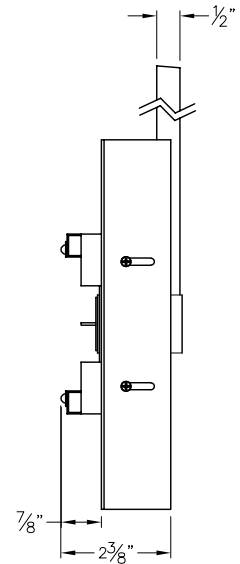
# FLUSHMOUNT FLOWMETER SYSTEM



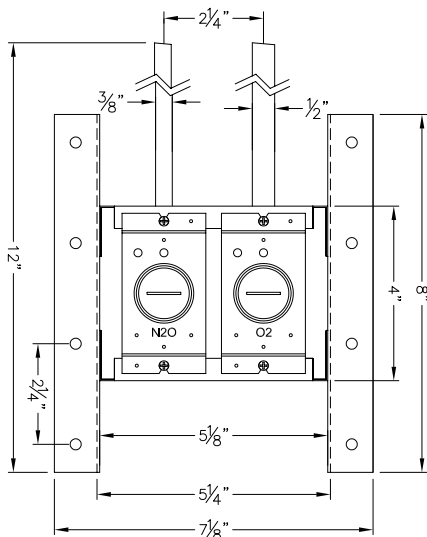
# OUTLETS



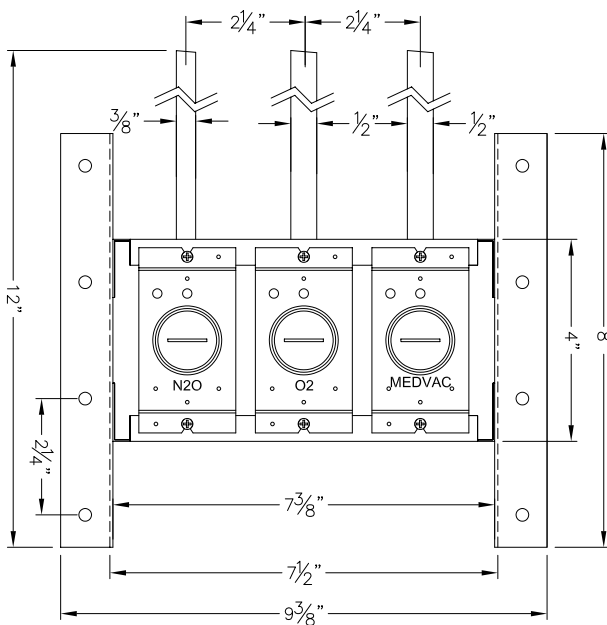
## Single Outlet



## Side View

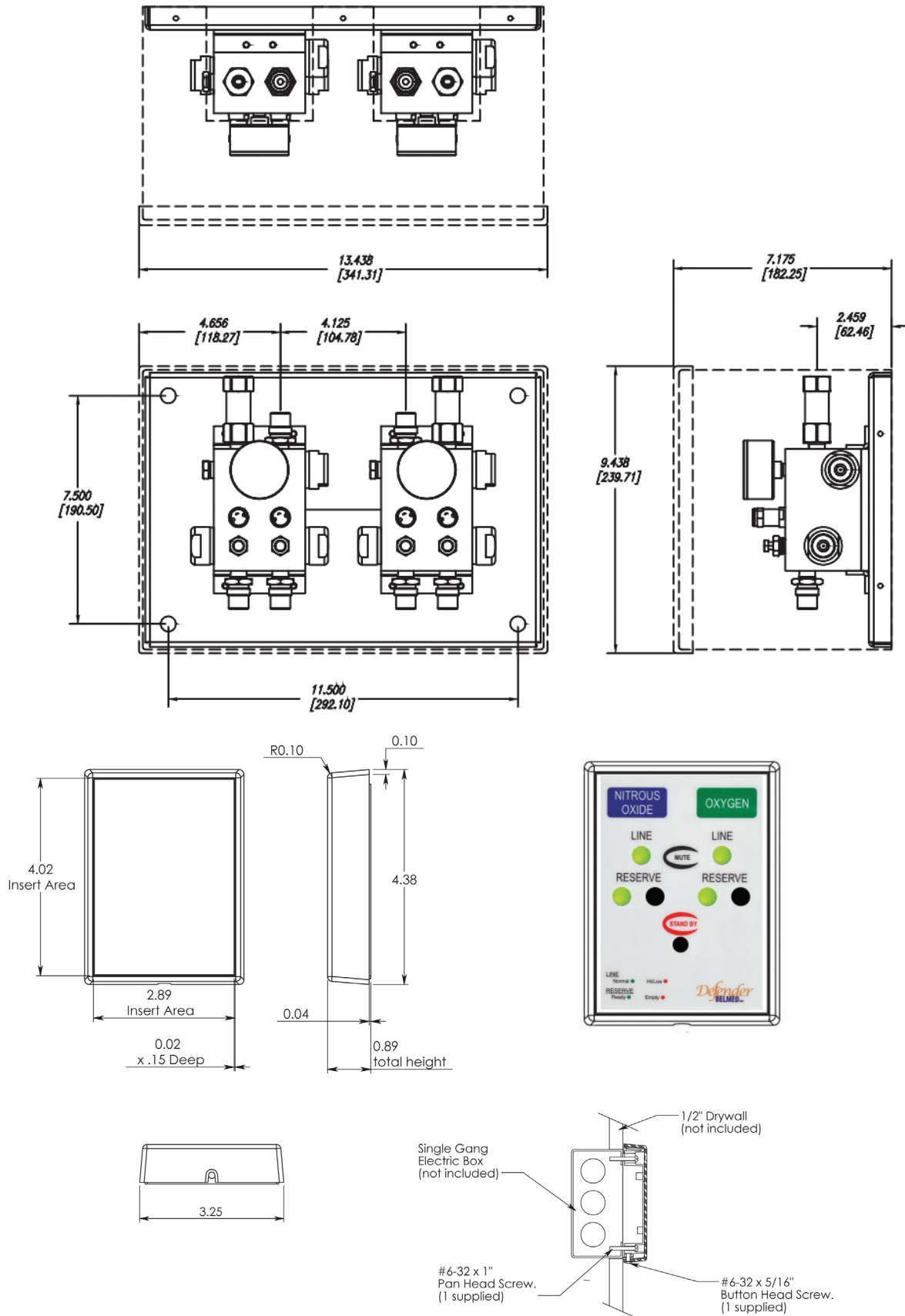


## Double Outlet



## Triple Outlet

# Defender AUTOMATIC CHANGEOVER MANIFOLD

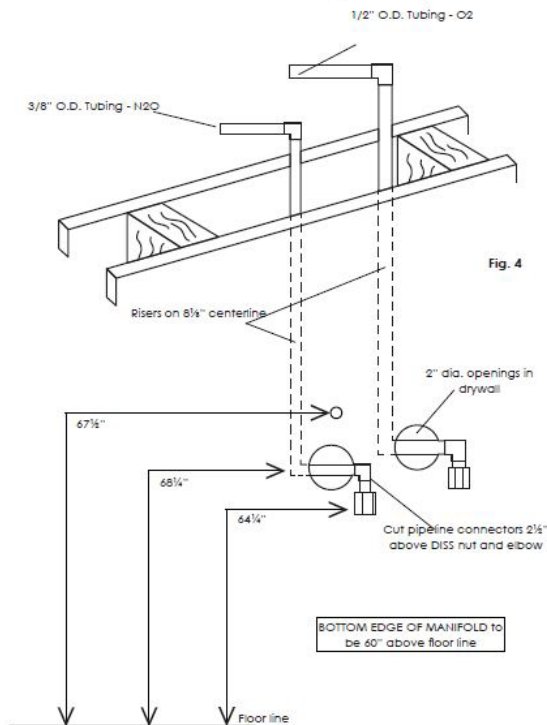




# MANUAL MANIFOLD SYSTEM

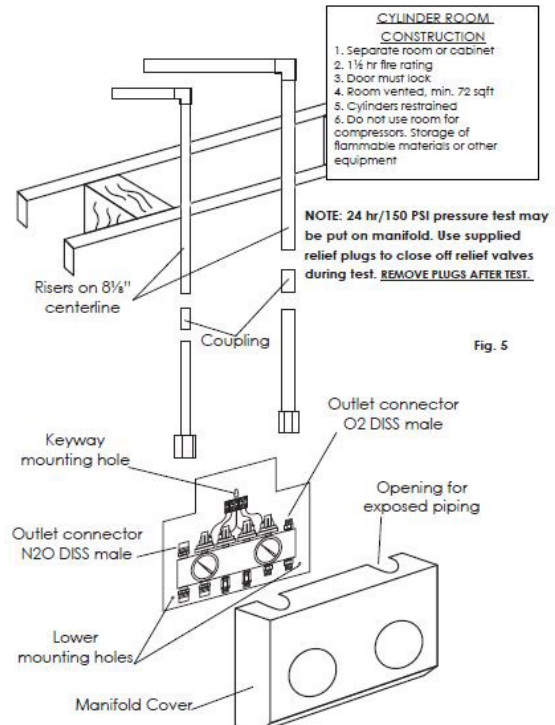
## Manifold Installation

### Concealed Piping



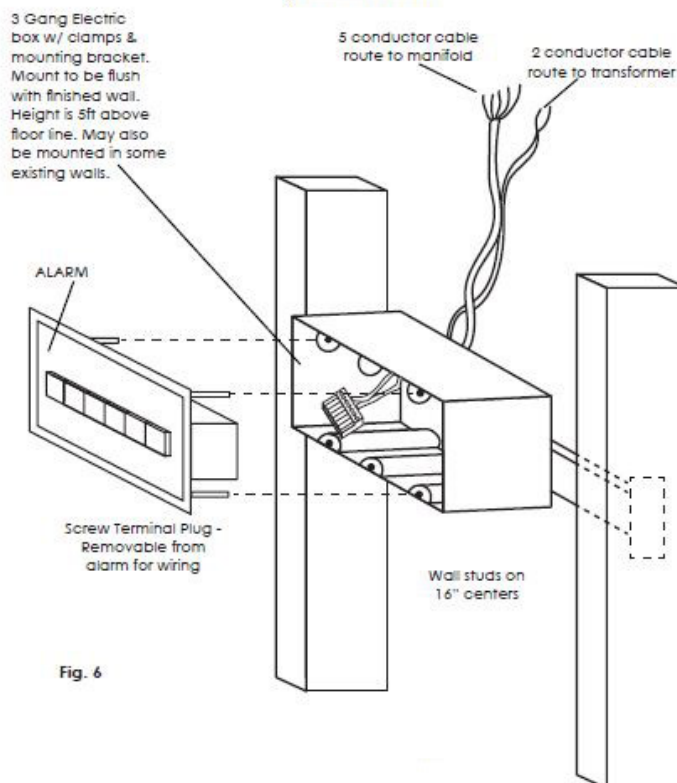
## Manifold Installation

### Exposed Piping



## Alarm Installation

### Wall Alarm



## Wiring Connection to Alarm

Removable terminal plug is located on rear of alarm. Pull to right to remove from socket. Attach wires from manifold & transformer to proper screw terminals of plug and reconnect to alarm socket. Terminal NOS.: #1-O2 HI (red) #2-O2 LO (green) #3-COM (black) #4-N2O LO (white) #5-N2O HI (brown) #6 & #7 - transformer wires

**BELMED**  
888-723-5893  
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# Medical Gas Systems and Equipment

LPM	OXYGEN																			
	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
NITROUS OXIDE	0.5	50%	33%	25%	20%	17%	14%	13%	11%	10%	9%	8%	8%	7%	7%	6%	6%	6%	5%	5%
	1	67%	50%	40%	33%	29%	25%	22%	20%	18%	17%	15%	14%	13%	13%	12%	11%	11%	10%	9%
	1.5	75%	60%	50%	43%	38%	33%	30%	27%	25%	23%	21%	20%	19%	18%	17%	16%	15%	14%	13%
	2	80%	67%	57%	50%	44%	40%	36%	33%	31%	29%	27%	25%	24%	22%	21%	20%	19%	18%	17%
	2.5	83%	71%	63%	56%	50%	45%	42%	38%	36%	33%	31%	29%	28%	26%	25%	24%	23%	22%	20%
	3	86%	75%	67%	60%	55%	50%	46%	43%	40%	38%	35%	33%	32%	30%	29%	27%	26%	25%	24%
	3.5	88%	78%	70%	64%	58%	54%	50%	47%	44%	41%	39%	37%	35%	33%	32%	30%	29%	28%	27%
	4	89%	80%	73%	67%	62%	57%	53%	50%	47%	44%	42%	40%	38%	36%	35%	33%	32%	31%	30%
	4.5	90%	82%	75%	69%	64%	60%	56%	53%	50%	47%	45%	43%	41%	39%	38%	36%	35%	33%	32%
	5	91%	83%	77%	71%	67%	63%	59%	56%	53%	50%	48%	45%	43%	42%	40%	38%	37%	36%	34%
	5.5	92%	85%	79%	73%	69%	65%	61%	58%	55%	52%	50%	48%	46%	44%	42%	41%	39%	38%	35%
	6	92%	86%	80%	75%	71%	67%	63%	60%	57%	55%	52%	50%	48%	46%	44%	43%	41%	40%	39%
	6.5	93%	87%	81%	76%	72%	68%	65%	62%	59%	57%	54%	52%	50%	48%	46%	45%	43%	42%	41%
	7	93%	88%	82%	78%	74%	70%	67%	64%	61%	58%	56%	54%	52%	50%	48%	47%	45%	44%	42%
*Greater than 70% N2O administered exceeds the amount able to be delivered by sedation machine.																				

\*Greater than 70% N2O administered exceeds the amount able to be delivered by sedation machine.

## POLICIES

**Terms: Net 30 Days. Accounts over 60 days past due will be placed on credit hold.**  
**Prices:** All prices are F.O.B. Red Lion, PA and subject to change without notice. **Minimum order \$25.00.**

### WARRANTY

**Definition of a Warranty Return:** A product or part covered by the Belmed, Inc. warranty, that fails while the terms of the warranty are in effect.

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

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

Subject to the next sentence Belmed Inc., 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. For plastic, rubber and disposable parts or items Belmed, Inc. warrants only that each such part and item shall be free from defects in workmanship and materials at the time of delivery to the customer.

Belmed Inc.'s obligation for breach of this warranty, or for negligence or otherwise, shall be strictly and exclusively limited to Belmed Inc.'s choice of repair or replacement of the product or part. ***This warranty shall be void for any product on which the serial number has been altered, defaced or removed.***

Belmed, Inc. 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, misused, or misapplied; (2) repaired, altered or modified by persons other than Belmed, Inc. (3) not installed in strict compliance with applicable codes and ordinances; or (4) not installed by Belmed, Inc. or an authorized Belmed, Inc. dealer.

UNDER NO CIRCUMSTANCES SHALL BELMED INC. BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES AS THOSE TERMS ARE DEFINED IN THE UNIFORM COMMERCIAL CODE.

### Equipment Repair - Repair Procedures:

Belmed, Inc. offers evaluation and repair service on all Belmed Products. We provide excellent turnaround on all products with customer approval for service-repair work. Initial \$35.00 inspection fee will be charged.

### Shipping Procedures:

Products returned for repair will be accepted without a return authorization number. Specify that it is an item for repair and marked to the attention of the Repair Service Center.

### Returning Goods:

- The following will Not be accepted for credit:
  - Rubber goods over 30 days old
  - Rubber goods not in original, sealed package
  - All hoses
  - Special order items
  - Goods without a Return Goods Authorization (RA)
  - Merchandise more than 90 days old (from Belmed Inc. invoice date.)
- A 20% restocking charge will be deducted from the original purchase amount for all credits issued, except for return due to:
  - Belmed Inc. order entry error
  - Warranty returns
- There is a minimum restocking charge of \$10.00
- Return Authorization (RA) numbers are valid for 30 days after the date issued.
- Freight charges will not be credited.
- Freight collect shipments are not accepted.
- If merchandise is found to have been misused or in any way damaged after shipment from Belmed Inc., credit will be made less charges for repair and less the 20% restocking charge. If merchandise is not salvageable, no credit will be issued.
- All claims for damage or shortage occurring in transit must be made by the customer directly to the carrier.

### Warranty Returns:

- Merchandise returned for warranty credit or replacement must have been purchased from Belmed within the specified warranty period or proof of installation within that time will be required.
- Defective items will, at Belmed Inc.'s discretion, either be repaired or replaced with equivalent merchandise.
- If merchandise is found to not be defective the 20% restocking fee will be charged.
- Freight charges to return defective merchandise to Belmed Inc. are not reimbursable.
- Freight charges to ship replacement or repaired merchandise to customer will be paid by Belmed Inc.

### Customer Instructions:

*Please follow the procedures outlined below so there is no delay of credit to your account.*

You must have a Return Authorization (RA) number before returning any merchandise to Belmed Inc. - except for out-of-warranty repairs for servicing. Credit may be issued only after the merchandise is returned to and inspected by Belmed Inc. and determination is made that credit is due.

### To Receive a Return Authorization:

- Call your Belmed Inc. Customer Service Representative.
- Be prepared to provide the following information:
  - Our invoice number and date.
  - Product description, product number, and serial number (if applicable).
  - Reason you wish to return the merchandise.
- Your Customer Service Representative will give you an RA number. A separate RA number will be provided for each Belmed Inc. invoice reference. The RA number authorizes our receiving department to accept the merchandise.
- Enclose a copy of our original invoice.
- Send the merchandise freight pre-paid.

### Shortages:

Any shortages or discrepancies with orders must be reported to Belmed within 5 days ARO.

# BELMED

**888.723.5893**

**[www.belmedinc.com](http://www.belmedinc.com)**

**Order:**

[orders@belmedinc.com](mailto:orders@belmedinc.com)

Fax: 717.246.7586

**Mail To:**

PO Box 247

Red Lion, PA 17356-0247

**Ship To:**

887 Delta Rd.

Red Lion, PA 17356-0247

**Contact Us:**

717-246-5500

Fax: 717.246.7586

[bmi@belmedinc.com](mailto:bmi@belmedinc.com)

**Tech Support:**

[help@belmedinc.com](mailto:help@belmedinc.com)

**Quality Since 1976**