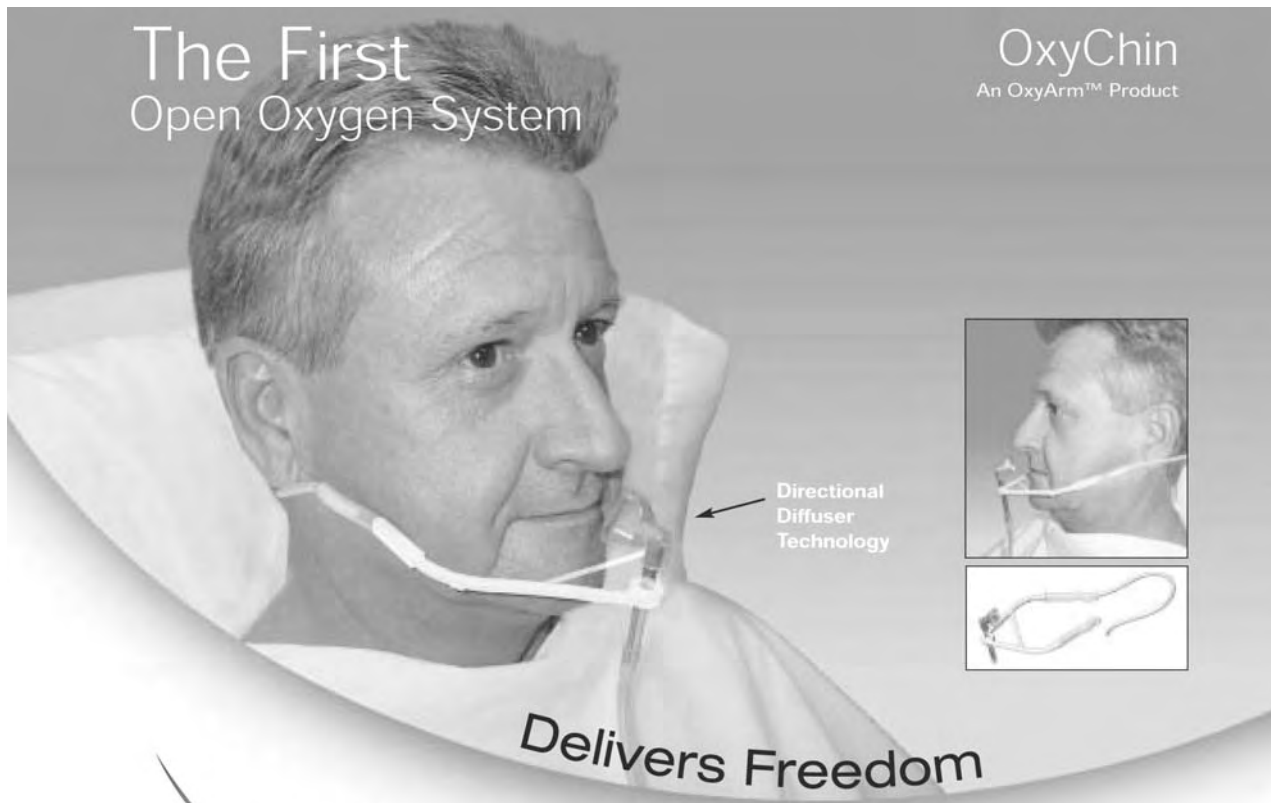


# Oxygen/Aerosol/Accessories



www.oxyarm.com  
Patented Technology

**The Science** - Predictable Oxygen Delivery  
**The Innovation** - Directional Diffuser Technology  
**The Results** - Open Oxygen Systems

Oxygen Flow Settings	Approximate O <sub>2</sub> Concentrations
1 LPM	21% - 27%
2 LPM	28% - 31%
4 LPM	32% - 35%
6 LPM	36% - 39%
8 LPM	40% - 43%
10 LPM	42% - 47%
12-15 LPM	48% - 50%

**OxyChin™ Disposable Chin Mount Model**

For O<sub>2</sub> delivery - single patient use.  
Item #EM-OC-1025 without tubing  
Item #EM-OC-1025-8 with tubing



**OxyChin™ Disposable Chin Mount Model**

For O<sub>2</sub> delivery w/ Endtidal CO<sub>2</sub>.  
Single patient use.  
Item #EM-OC-2025 without tubing  
Item #EM-OC-2025-8 with tubing



**SAFE**

- When emesis occurs
- Provides quick access for oral suctioning
- Ideal for conscious sedation & post op oxygenation

**EFFICIENT**

- OxyChin delivers 1 - 15 LPM
- Rate Trend Monitoring with O<sub>2</sub>/ CO<sub>2</sub> model

**COMFORTABLE**

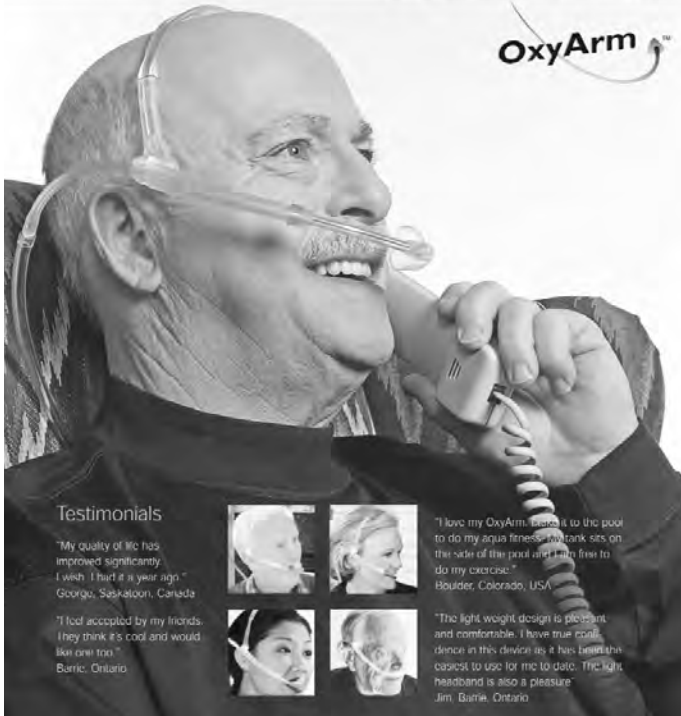
- Reduces claustrophobia
- Open design allows communication between patient and caregiver
- Minimal contact oxygen delivery system

**ORDER CODES:**

- #EM-OC-1025 - box of 25
- #EM-OC-1025-8 - with tubing - box of 25
- #EM-OC-2025 - Rate Trend Monitoring - box of 25
- #EM-OC-2025-8 - with tubing - Rate Trend Monitoring - box of 25

# Oxygen/Aerosol/Accessories

## DELIVERING FREEDOM



OxyArm™

### Testimonials

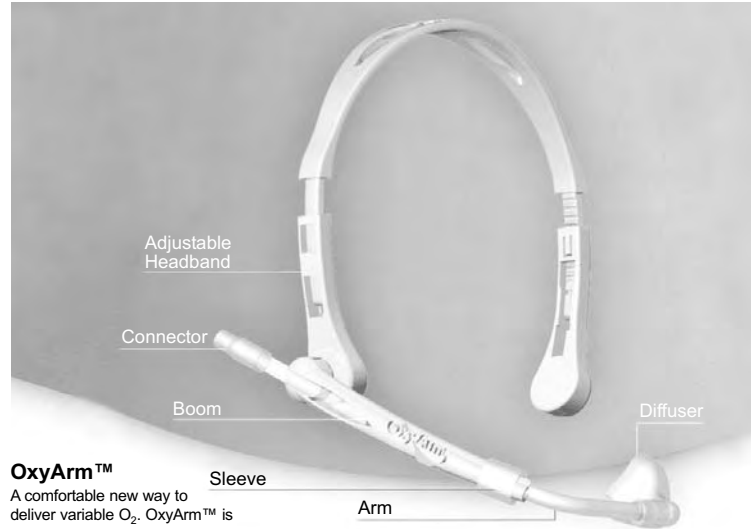
"My quality of life has improved significantly. I wish I had it a year ago!"  
George, Saskatoon, Canada

"I feel accepted by my friends. They think it's cool and would like one too!"  
Barrie, Ontario



"I love my OxyArm. Even it to the pool to do my aqua fitness. My tank sits on the side of the pool and I'm free to do my exercise!"  
Boulder, Colorado, USA

"The light weight design is pleasant and comfortable. I have true confidence in this device as it has been the easiest to use for me to date. The light headband is also a pleasure."  
Jim, Barrie, Ontario

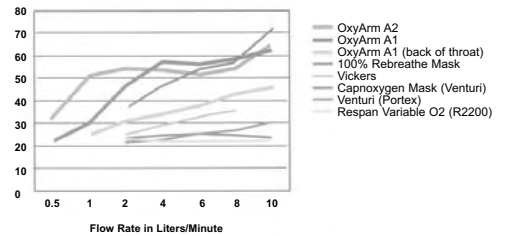


### OxyArm™

A comfortable new way to deliver variable O<sub>2</sub>. OxyArm™ is a minimal contact open oxygen delivery device for use with USP medical grade oxygen. Tested at The Boundary Layer Wind Tunnel Laboratory, flow dynamics were simulated under a variety of conditions. The OxyArm's™ performance is reproducible and superior in providing O<sub>2</sub> delivery as a result of its unique design geometry.



### OxyArm™ Performance Comparison with other Oxygen Delivery Devices



### Controlled Delivery of O<sub>2</sub> in Chronic Hypoxic Patients

Comparative performance of the OxyArm™ versus nasal cannula in chronic hypoxic adult patients on prescribed home oxygen therapy showed that the OxyArm™ was equally effective in maintaining oxygen saturation over variable flow rates as measured by pulse oximetry. For those requiring daily supplemental oxygen, this new system is comfortable, easy to use and has no facial contact. Its innovative patented design allows both nose and mouth breathing with more efficient O<sub>2</sub> delivery.

1 Clinical data submitted for publication

### Published Clinical Data

1. *The OxyArm™ - a new minimal contact oxygen delivery system for mouth or nose breathing*  
CAN J ANESTH 2002 / 49:3 / pp 297-301
  2. *A comparison of the OxyArm™ delivery device & standard nasal cannulae in chronic obstructive pulmonary disease patients*  
Respiratory Care - Feb 2003, Vol. 48, No.2
  3. *Both the OxyArm™ and Capnioxgen mask provide clinically useful capnographic monitoring capability in volunteers*  
CAN J ANESTH 2003 / 50:2 / pp 137-142
  4. *Reduction of motion sickness in pre-hospital trauma care*  
Anesthesia, 2003, 58, pp 363-384
- Further clinical data on our website:  
[www.oxyarm.com/home\\_proof.shtml](http://www.oxyarm.com/home_proof.shtml)

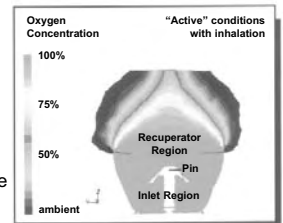
### Convenient, Comfortable Controlled O<sub>2</sub> Delivery

The unique headset design of the OxyArm™ offers controlled delivery of variable concentrations of oxygen in an unencumbered and comfortable way.

Oxygen Flow Settings	Approximate O <sub>2</sub> Concentrations
1 LPM	21% - 27%
2 LPM	28% - 31%
4 LPM	32% - 35%
6 LPM	36% - 39%
8 LPM	40% - 43%
10 LPM	42% - 47%
12-15 LPM	48% - 50%

### The Science Behind the OxyArm™

Flow patterns, torch like, (vortex like) generated inside a diffuser cup will deliver predictable flow patterns. These planned formations of vortices represent the base technology of the OxyArm™. Computational Flow Dynamic Models of the OxyArm™ technology allow us to visualize what would otherwise be invisible to the naked eye.



Flow dynamics were validated by the University of Western Ontario's Boundary Layer Wind Tunnel Laboratory.

### Clinical Data

Comparative analysis and exhaustive studies have shown that the OxyArm™ outperformed traditional oxygen delivery devices and in addition, has improved comfort and safety levels for the wearer. Studies have shown that the OxyArm™ delivers O<sub>2</sub> concentrations with impressive results.

### Eliminates known problems with OxyArm™

- Dryness, epistaxis, tissue breakdown related to cannula use.
- Emesis causing aspiration
- Accidental disconnection from O<sub>2</sub> source can result in dangerous hypoxia and hypercarbia situations.
- Wearers' acceptance and compliance with oxygen delivery devices are typically unsatisfactory.
- Health care providers experience difficulty accessing the nasal / oral cavity on face mask wearers.

### OxyArm™

Single patient use w/ headband, diffuser, arm & 7' tubing.  
Item #EM-OA-1025-8



### OxyArm™ Headband

Single patient use w/ deluxe adjustable headband.  
Item #EM-OA-HB-1125



### OxyArm™ RTM Arm

Single patient use w/ Endtidal CO<sub>2</sub>.  
(Fits into #EM-OA-HB-1125)  
Item #EM-OA-DA-2025



### OxyArm™ Plus

Single patient use w/ deluxe adjustable headband, disposable arm w/ diffuser.  
Item #EM-OA-PLUS-1125



### OxyArm™ O<sub>2</sub> Arm

Single patient use w/ disposable arm.  
(Fits into #EM-OA-HB-1125)  
Item #EM-OA-DA-1025



### OxyCannula

Single patient use w/ disposable cannula.  
(Fits into #EM-OA-HB-1125)  
Item #EM-OA-DA-3006 or #EM-OA-DA-3025



### OxyArm™ Plus w/ Cannula

Single patient use w/ deluxe adjustable headband, disposable arm w/ cannula.  
Item #EM-OA-PLUS-3025



# Oxygen/Aerosol/Accessories



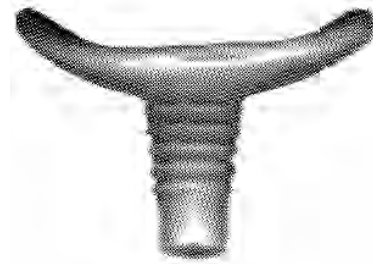
## MERCURY MEDICAL® Disconnect Wedge

50/box

#10-55340

The MERCURY MEDICAL Disconnect Wedge was designed to facilitate disconnections between the 15mm male connectors of endotracheal tubes, tracheostomy tubes or swivel connectors with grasping surfaces (or ears) and the 15mm female connector.

Place the wedge legs between the male and female connector to be disconnected. While holding the connector closest to the airway (to reduce trauma to the trachea), gently push on the wedge and separate the connectors.



## Disp-O-Seal™ Cushion Mouth Seal #10-50100

- An improved alternative to a full mask or mouth piece - single-patient-use.
- May be used for pulmonary function testing and IPPB treatments.
- 50/Pkg



## Disposable D.I.S.S. Nut and Gland

- Made of ABS
- Two Piece Swivel - snaps together to prevent loss of components
- 50/Pkg

#10-81050

Oxygen

#10-81051

Medical air



## Mercury Nose Clip

#10-50000

- Specifically designed for IPPB treatments
- May be used for pulmonary function testing
- 100/Box



## Five-In-One Connector

#10-81060

- Ribbed tubing connector
- 100/package

# Oxygen/Aerosol/Accessories

## In-Line Water and Humidity Trap "Clear View"



**BR-64597** Small bore tubing, downstream installation, easily cleaned in detergent or vinegar bath. Thoroughly rinse and air dry.  
25/box

## Condensation Trap for Liquid Systems



**BR-64555** Sturdy vinyl bag, 500 ml capacity with drain port, connective tube is 3/16" I.D.  
25/box

**BR-64554** Sturdy vinyl bag, 500 ml capacity with drain port, connective tube is 1/4" I.D.  
25/box

## In-Line "Tee" and Corrugated Tubing Collection System

**BR64550** Sturdy vinyl bag with drain port, 700 ml capacity

25/box

## Topical High Oxygen Pressure Sleeve, Extremity Use

**BR-64390** T.H.O.P. Sleeve 6/box

**BR-64393** O.E.M. Manometer, 0 - 60 mmHg.  
1/each

## Vent Circuit Tubing Hanger

ABS Material • Ball Joint/"C" Clips  
**BR-64600** For corrugated and small bore tubing  
100/box



## Tubing Arch, Logan Bow

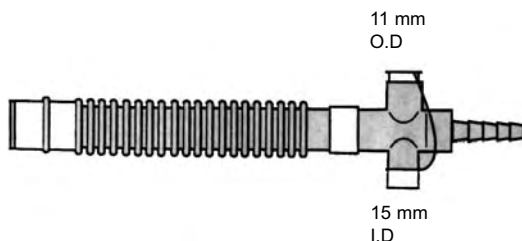
58-395429 50/box



## Oxygenator Non-Sterile

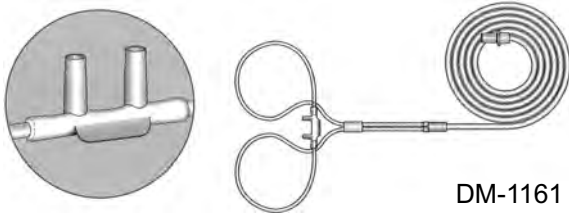
**58-396049** 50/box

Used for rapid oxygenation of patients blood after surgical procedures. Will shorten time spent per patient in recovery room. Fits all standard endotracheal tubes and tracheostomy tubes (15mm). Allows supplemental oxygen therapy in the recovery room. Oxygen is delivered through small bore tubing connected to the oxygen barb on the oxygenator. A/6" piece of 22mm tubing acts as an oxygen reservoir. Four-way tee with cap and loop allows suction procedures to be accomplished without removing oxygenator.



# Oxygen/Aerosol/Accessories

## Nasal Cannulae Straight Prong



DM-1161

Adult Straight Prong with tube 7' length

#DM-1161	Box Quantity: 50
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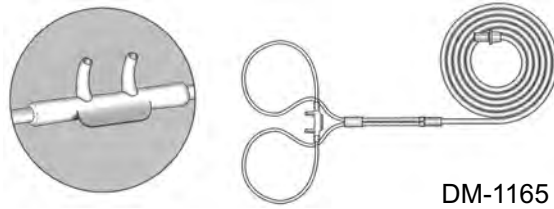
Adult Straight Prong with tube 25' length

#DM-1162	Box Quantity: 20
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Adult Straight Prong headset 20" length

#DM-1169	Box Quantity: 50
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## Nasal Cannulae Curved Prong



DM-1165

Adult Curved Prong with tube 7' length

#DM-1165	Box Quantity: 50
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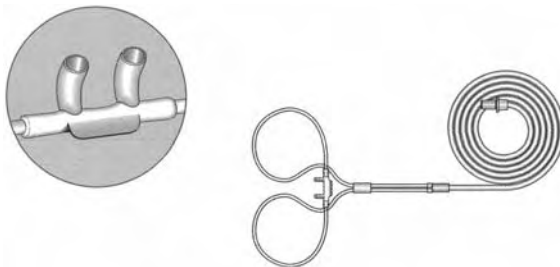
Pediatric Curved Prong with tube 7' length

#DM-1163	Box Quantity: 50
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Neonatal Curved Prong with tube 7' length

#DM-1164	Box Quantity: 50
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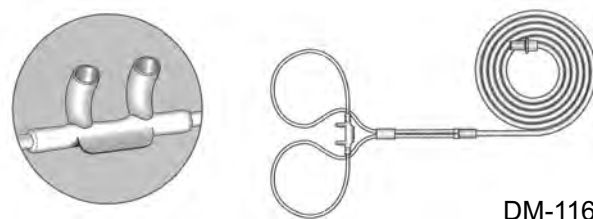
## Nasal Cannulae Flared Prong



Adult Flared Prong with tube 7' length

#DM-1166	Box Quantity: 50
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## Nasal Cannulae Flared and Curved Prong



DM-1167

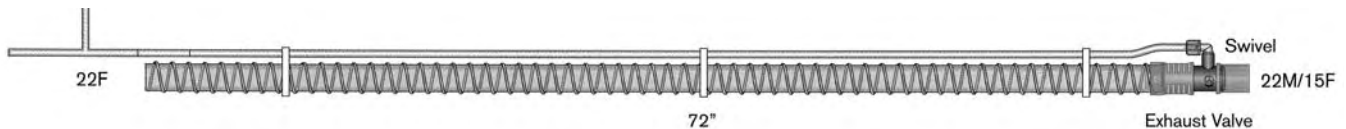
Adult Curved/Flared Prong with tube 7' length

#DM-1167	Box Quantity: 50
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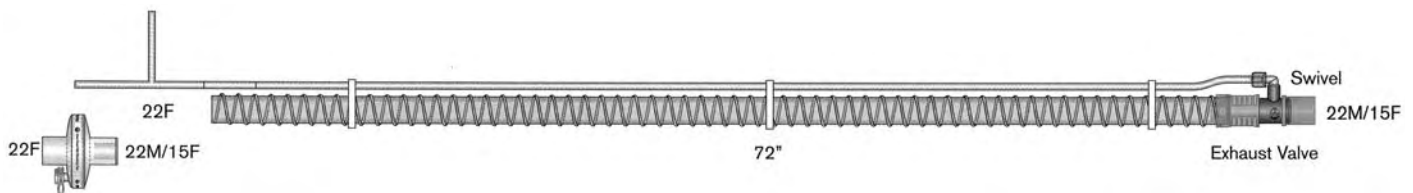
Adult Curved/Flared Prong headset 20" length

#DM-1168	Box Quantity: 50
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## Smoothbore Breathing Systems for bi-level ventilators



#DM-B0006	Smoothbore breathing system, 72" length for bi-level ventilators	Box Quantity: 10
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#DM-B0003	Smoothbore breathing system, 72" length for bi-level ventilators, with #DM-1644 Clear Guard Midi™ breathing filter	Box Quantity: 10
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