Oxygen/Aerosol/Accessories

The First Open Oxygen System

www.oxyarm.com
Patented Technology

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

Oxygen Flow Approximate O₂ Settings 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%

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 O₂/CO₂ 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

OxyChin™ Disposable Chin Mount Model
For O₂ delivery - single patient use.
Item #EM-OC-1025 without tubing
Item #EM-OC-1025-8 with tubing

OxyChin™ Disposable Chin Mount Model
For O₂ delivery w/ Endtidal CO₂.
Single patient use.
Item #EM-OC-2025 without tubing
Item #EM-OC-2025-8 with tubing
Oxygen/Aerosol/Accessories

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

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

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

Published Clinical Data
1. The OxyArm™ - a new minimal contact oxygen delivery system for mouth or nose breathing
   CAN JANESTH 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 Capnoxygen mask provide clinically useful capnographic monitoring capability in volunteers
   CAN JANESTH 2003 / 50.2 / pp 137-142
4. Reduction of motion sickness in a pre-hospital trauma care
   Anesthesia, 2003, 58, pp 363-384

Further clinical data on our website: www.oxyarm.com/home_proof.shtml

Convenient, Comfortable Controlled O₂ 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 O₂ 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 O₂ concentrations with impressive results.

Eliminates known problems with OxyArm™
- Dryness, epistaxis, tissue breakdown related to cannula use.
- Emesis causing aspiration.
- Accidental disconnection from O₂ 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.
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

Mercury Nose Clip #10-50000

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

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

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**

- Adult Straight Prong with tube 7’ length
  - **#DM-1161** Box Quantity: 50
- Adult Straight Prong with tube 25’ length
  - **#DM-1162** Box Quantity: 20
- Adult Straight Prong headset 20” length
  - **#DM-1169** Box Quantity: 50

**Nasal Cannulae Curved Prong**

- Adult Curved Prong with tube 7’ length
  - **#DM-1165** Box Quantity: 50
- Pediatric Curved Prong with tube 7’ length
  - **#DM-1163** Box Quantity: 50
- Neonatal Curved Prong with tube 7’ length
  - **#DM-1164** Box Quantity: 50

**Nasal Cannulae Flared Prong**

- Adult Flared Prong with tube 7’ length
  - **#DM-1166** Box Quantity: 50

**Nasal Cannulae Flared and Curved Prong**

- Adult Curved/Flared Prong with tube 7’ length
  - **#DM-1167** Box Quantity: 50
- Adult Curved/Flared Prong headset 20” length
  - **#DM-1168** Box Quantity: 50

**Smoothbore Breathing Systems** for bi-level ventilators

- **#DM-B0006** Smoothbore breathing system, 72” length for bi-level ventilators  Box Quantity: 10

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