



## An Evolution of Innovation



# We Believe in Finding a Better Way... for You, and Your Patients!

## Patient Comfort

- Reduces feelings of claustrophobia
- No build up of heat or humidity under the mask
- Unrestricted communication
- Access for fluids and oral medication

## Operational Efficiencies

One Oxy<sub>2</sub>Mask replaces multiple traditional oxygen interfaces:

- Reduces plastic medical waste
- Reduces oxygen consumption
- Reduces complexity for bedside clinicians
- Reduces inventory levels

## Patient Safety

- Reduces the risk of CO<sub>2</sub> rebreathing
- Reduces the risk of emesis aspiration
- For nose or mouth breather
- Available EtCO<sub>2</sub> monitoring

## Oxygen Therapy Compliance

The elevated patient safety and comfort measures inherently found in the Oxy<sub>2</sub>Mask family of products promotes enhanced oxygen therapy compliance which can assist in improving patient outcomes.



## AT-A-GLANCE

# Our Respiratory Mask Offerings

### Oxy<sub>2</sub>Mask™

Effectively delivers a wide range of oxygen while reducing the risk of CO<sub>2</sub> rebreathing and aspiration. Available in sizes for both adults and children.

### Oxy<sub>2</sub>Mask™ EtCO<sub>2</sub>

Supports patients needing higher O<sub>2</sub> flows and reliable EtCO<sub>2</sub> sampling during any procedures requiring capnography, enhancing safety with size options for all ages.

### Oxy<sub>2</sub>Pro™

Offers flexible oxygen titration from 5 to 15+ lpm, ideal for your most at risk patients in procedural sedations while maintaining accurate EtCO<sub>2</sub> readings.

### OxyMulti-Mask™

Provides versatile oxygen delivery, accommodating high humidity and aerosol therapies, available in various sizes.

### OxyArm™

Minimizes facial contact for comfort while delivering 24% to 50% oxygen, perfect for burn units and trauma care.

### OxyTrach™

Designed to serve your tracheostomy patients' O<sub>2</sub> needs, with ability to provide high humidity and/or aerosol nebulization treatments.

### OxyMask Aerosol™

Features a swivel adapter for optimal aerosol delivery and a closed design to reduce aerosol eye exposure, available in multiple sizes.



# Oxy<sub>2</sub>Mask™

Oxy<sub>2</sub>Mask is designed to effectively deliver oxygen across a wide range of concentrations, ensuring your patients receive the exact level of support they need.

Our open design provides a more comfortable patient experience and is safer for patients by reducing the likelihood of CO<sub>2</sub> rebreathing.

Unlike traditional oxygen masks that require frequent changes to accommodate different delivery levels—often leading to cumbersome inefficiencies for clinicians—Oxy<sub>2</sub>Mask streamlines the process.

With our unique patented diffuser technology, there's no need for constant mask switching; every option for comprehensive oxygen therapy is conveniently at your fingertips.

The Oxy<sub>2</sub>Mask delivers oxygen flows from 1 to 15+ litres per minute, with FiO<sub>2</sub> concentrations ranging from 24% to 90% (for Tyke size, ¼ to 5+ lpm, providing 22% to 65% FiO<sub>2</sub>).



CODE	DESCRIPTION	MASK SIZE	TUBING LENGTH	ELASTIC
OM-1125-8	Oxy <sub>2</sub> Mask™ with 7' tubing	Adult	7'	Single
OM-1125-14	Oxy <sub>2</sub> Mask™ with 14' tubing	Adult	14'	Single
OM-1425-8	Oxy <sub>2</sub> Mask™ with ear elastics and 7' tubing	Adult	7'	Double
OM-7025-8*	Oxy <sub>2</sub> Mask™ Non PVC with 7' tubing	Adult	7'	Single
OP-1125-8	Oxy <sub>2</sub> Mask™ Plus with 7' tubing	Plus	7'	Single
OP-1125-14	Oxy <sub>2</sub> Mask™ Plus with 14' tubing	Plus	14'	Single
OP-1425-8	Oxy <sub>2</sub> Mask™ Plus with ear elastics & 7' tubing	Plus	7'	Double
OP-7025-8*	Oxy <sub>2</sub> Mask™ Plus Non PVC with 7' tubing	Plus	7'	Single
OK-1125-8	Oxy <sub>2</sub> Mask™ Kid with 7' tubing	Kid	7'	Single
OK-1125-14	Oxy <sub>2</sub> Mask™ Kid with 14' tubing	Kid	14'	Single
OK-7025-8*	Oxy <sub>2</sub> Mask™ Kid Non PVC with 7' tubing	Kid	7'	Single
OT-1025-8	Oxy <sub>2</sub> Mask™ Tyke with 7' tubing	Tyke	7'	Single
OT-7025-8*	Oxy <sub>2</sub> Mask™ Tyke Non PVC with 7' tubing	Tyke	7'	Single

\*Non PVC

# Oxy<sub>2</sub>Mask™ EtCO<sub>2</sub>

The Oxy<sub>2</sub>Mask EtCO<sub>2</sub> is a revolutionary advancement in respiratory care. Engineered for Anesthesia Specialists to help address critical needs in sedation and procedural settings, Oxy<sub>2</sub>Mask EtCO<sub>2</sub> delivers a broad range of FiO<sub>2</sub> and exceptional EtCO<sub>2</sub> sampling through our new patented Oxy<sub>2</sub> snap-fit diffuser to provide unmatched reliability in respiratory monitoring.

- FiO<sub>2</sub> delivery up to 83% at 15lpm
- Enhanced EtCO<sub>2</sub> capture and less dampened waveforms at higher O<sub>2</sub> flows
- More directional flow with increased velocity toward the nose & mouth



CODE	DESCRIPTION	MASK SIZE	TUBING LENGTH	ELASTIC
OM-2125-8	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> with 7' tubing	Adult	7'	Single
OM-2125-8SLM	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> , 7' oxygen tubing, 8' sampling line with male connector	Adult	7'	Single
OM-2125-14	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> with 14' tubing	Adult	14'	Single
OM-2125-14SLM	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> , 14' tubing, 15' sampling line with male connector	Adult	14'	Single
OP-2125-8SLM	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> Plus, 7' oxygen tubing, 8' sampling line with male connector	Plus	7'	Single
OP-2125-8	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> Plus with 7' tubing	Plus	7'	Single
OP-2125-14	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> Plus with 14' tubing	Plus	14'	Single
OP-2125-14SLM	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> Plus, 14' tubing, 15' sampling line with male connector	Plus	14'	Single
OK-2125-8	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> Kid with 7' tubing	Kid	7'	Single
OK-2125-8SLM	Oxy <sub>2</sub> Mask™ EtCO <sub>2</sub> Kid 7' oxygen tubing, 8' sampling line with male connector	Kid	7'	Single

# Oxy<sub>2</sub>Pro™

## Flexible oxygen titration from 5 to 15+ lpm

The Oxy<sub>2</sub>Pro is meant for your most at risk patients during procedural sedations and features the next generation in OxyMask technology with a snap-fit triangular directional diffuser that refines the shape of the oxygen vortices and directs oxygen flow with accelerated velocity toward the patient's nose and mouth. The large star shaped window provides ease of access to the patient airway, while still maintaining oxygenation and monitoring of EtCO<sub>2</sub>.

Delivers oxygen flows from 5 to 15+ lpm, 48% to 95% FiO<sub>2</sub>.



## Excellent EtCO<sub>2</sub> sampling

During exhalation, carbon dioxide is sampled through our improved Oxy<sub>2</sub> snap-fit diffuser, attached to a sampling line that can be connected to your capnography monitor to obtain EtCO<sub>2</sub> readings that are accurate and reliable, even at higher O<sub>2</sub> flows.

CODE	DESCRIPTION	UOM	TUBING LENGTH
PRM-2110-8F	Oxy <sub>2</sub> Pro Mask-Adult, Female luer	10/box	7' O <sub>2</sub> tubing with 10' sampling line
PRM-2110-8M	Oxy <sub>2</sub> Pro Mask-Adult, Male luer	10/box	7' O <sub>2</sub> tubing with 10' sampling line
PRP-2110-8F	Oxy <sub>2</sub> Pro Mask-Adult Plus, Female luer	10/box	7' O <sub>2</sub> tubing with 10' sampling line
PRP-2110-8M	Oxy <sub>2</sub> Pro Mask-Adult Plus, Male luer	10/box	7' O <sub>2</sub> tubing with 10' sampling line

# OxyMulti-Mask™

The OxyMulti-Mask is designed for high oxygen delivery, high humidity, and effective aerosol therapy. It provides oxygen flows ranging from 1 to 15+ litres per minute, with FiO<sub>2</sub> concentrations between 23% to 83% (for kid sizes, 22% to 93% FiO<sub>2</sub>).

This versatile mask can deliver oxygen through a standard small bore tube or using a 22mm OD adapter connected to a universal swivel elbow. The universal elbow allows for easy connection to most aerosol nebulizers, ensuring that aerosol therapy is delivered effectively without compromising oxygen delivery.

Whether used with high humidity or aerosol therapy, the OxyMulti-Mask is ideal for acute care and EMS situations where high FiO<sub>2</sub>, high humidity, and the delivery of medicated aerosol therapy are essential.

The OxyMulti-Mask is not made with natural rubber latex or phthalates such as DEHP, prioritizing patient safety and comfort.



CODE	DESCRIPTION	MASK SIZE	TUBING LENGTH	ELASTIC
OHH-1025-8	OxyMulti-Mask™ with adapter & 7' tubing	Adult	7'	Single
OMMK-4025-8	OxyMulti-Mask™ Adult with adapter & 7' tubing with nebulizer	Adult	7'	Single
OPHH-1025-8	OxyMulti-Mask™ Plus with adapter & 7' tubing	Plus	7'	Single
OPMK-4025-8	OxyMulti-Mask™ Plus with adapter & 7' tubing with nebulizer	Plus	7'	Single
OKHH-1025-8*	OxyUltra Kid™ with adapter & 7' tubing	Kid	7'	Single

\*OxyUltra Kid™ design not shown

# OxyTrach™

The OxyTrach is engineered to deliver FiO<sub>2</sub> concentrations ranging from 23% to 83% with flows from 1 to 15+ litres per minute. It efficiently provides oxygen through a standard small bore tube, utilizing a 22mm OD adapter attached to a universal swivel elbow.

This universal elbow allows for compatibility with most aerosol nebulizers, ensuring effective aerosol therapy without compromising oxygen delivery. The OxyTrach can be utilized in both high humidity and non-humidity settings, making it a versatile choice for various clinical needs.



CODE	DESCRIPTION	MASK SIZE	TUBING LENGTH	ELASTIC
OAT-1025	OxyTrach™ 7' tubing	Adult	7'	Single
OAT-1025-CS	OxyTrach™ 7' tubing with comfort strap	Adult	7'	Comfort Strap

# OxyArm™

The OxyArm is a unique oxygen delivery device designed for minimal facial contact for enhanced patient comfort. This device is particularly ideal for use in burn units, trauma centers, and homecare settings.

It delivers oxygen concentrations ranging from 24% to 50% with flows between 1 to 12-15 litres per minute.

The OxyArm is designed to accommodate both nose and mouth breathers, making it versatile for various patient needs. Additionally, it can adapt for left or right-sided positioning, providing flexibility in treatment application.



CODE	DESCRIPTION	DESIGN	TUBING LENGTH
OA-DA-1025	OxyArm™ Disposable Diffuser Arm only	Arm only	None
OA-PLUS-1125-8	OxyArm™ Plus Clear Adjustable Head Band with Diffuser Arm with 7' tubing	Adjustable	7'
OA-HB-1125	OxyArm™ Plus Clear Adjustable Head Band only	Adjustable	None

# OxyMask Aerosol™

The OxyMask Aerosol features a right-angle swivel adapter that facilitates optimal aerosol delivery, whether the patient is lying down or sitting up. Its tapered design enables compatibility with a wide variety of nebulizer cups, ensuring versatile use across different applications.

This innovative mask provides directional flow to both the mouth and nose, enhancing treatment efficiency. The design incorporates closed sides and an open bottom, which effectively prevents aerosol from entering the eyes, minimizing environmental contamination and reducing exposure risks for caregivers and other patients.



CODE	DESCRIPTION	MASK SIZE	TUBING LENGTH	ELASTIC
OMN-1025	OxyMask™ Aerosol with 22 mm elbow	Adult	None	Single
OKN-1025	OxyMask™ Aerosol Kid with 22 mm elbow	Kid	None	Single
OTN-1025	OxyMask™ Aerosol Tyke with 22 mm elbow	Tyke	None	Single

# The Technology

## Patented Diffuser Technology

Oxy<sub>2</sub>Mask is the world's first and most effective patented diffuser technology to create targeted vortex oxygen flows and deliver optimal patient comfort and care.

Oxy<sub>2</sub>Mask's innovative technology significantly enhances oxygen delivery through our snap-fit diffuser, redirecting oxygen flows and creating an organized pattern of oxygen vortices that becomes a concentrated cloud of oxygen.

The advanced design then intentionally directs these concentrated oxygen vortices through strategically placed ports toward the nose and mouth, delivering the oxygen exactly where it needs to go.



## Open, Light Weight Design

Oxy<sub>2</sub>Mask's open design minimizes the risk of CO<sub>2</sub> rebreathing and provides patients with a comfortable and safer oxygen delivery experience.

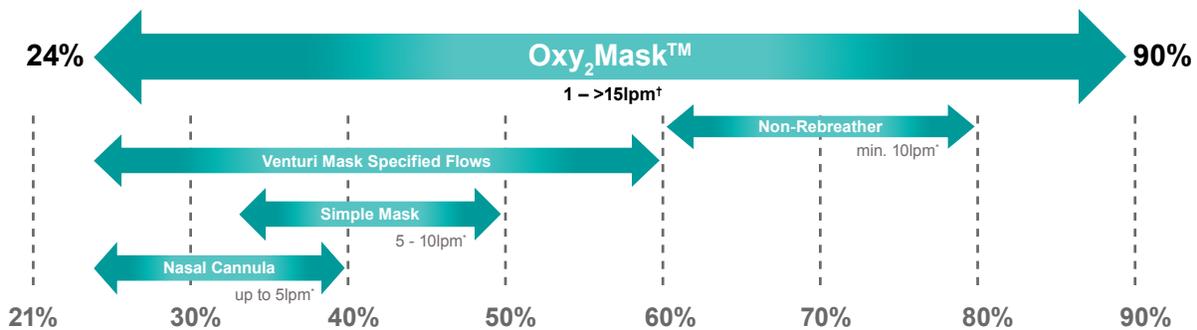
During the patient's inhalation, oxygen flow is mixed with room air drawn in through the mask openings. Respiratory mechanics and breathing patterns determine how room air combines with the delivered oxygen.

Whatever your oxygen therapy needs may be, we have an Oxy<sub>2</sub>Mask that will support your patient—an open style oxygen mask that's one of the safest, easiest to use and most comfortable masks available today!



### OXY<sub>2</sub>MASK™ IS A REVOLUTIONARY OPEN OXYGEN MASK

Delivers oxygen concentrations from 24%-90%<sup>^</sup> FiO<sub>2</sub>, at flows ranging from 1 to 15+ litres per minute



NOTE: Oxy<sub>2</sub>Mask™ Tyke flow range 0.25 lpm – ≥ 5 lpm and FiO<sub>2</sub> range = 22–65%

\* AARC Clinical Practice Guideline Reprinted from RESPIRATORY CARE (Respir Care 2002; 47(6):717-720)

<sup>^</sup> Report 19-0091

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