



Patient Safety

- Reduces the risk of CO₂ rebreathing
- Reduces the risk of emesis aspiration
- For nose or mouth breather
- Available EtCO₂ monitoring

Patient Comfort

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

Oxygen Therapy Compliance

Uninterrupted oxygen therapy aids compliance of prescribed oxygen therapy

Operational Efficiencies

One OxyMask™ replaces multiple traditional oxygen therapy interfaces:
SKU standardization • Inventory reduction • Reduced medical waste
• Reduces complexity for bedside staff

OxyMask™

- Delivers Oxygen flows from 1 to 15+ litres per minute - flush, 24% to 90% FiO₂ (Tyke size 1/4L to 5+, 22% to 65% FiO₂)
- Four sizes available:
 - Adult
 - Plus (25% larger mask)
 - Kid (3 - 10 years old, 33 - 70 lbs / 15 - 32 kg)
 - Tyke (6 months - 3 years old, 16 - 33 lbs / 7 - 15 kg)
- Not made with natural rubber latex or phthalates such as DEHP
- 25 masks/case



Code	Description	Mask Size	Tubing Length	Elastic
OM-1125-8	OxyMask™ with 7' tubing	Adult	7'	Single
OM-1125-14	OxyMask™ with 14' tubing	Adult	14'	Single
OM-1425-8	OxyMask™ with ear elastics and 7' tubing	Adult	7'	Double
OM-7025-8*	OxyMask™ Non PVC with tubing 7'	Adult	7'	Single
OP-1125-8	OxyMask™ Plus w 7' tubing	Plus	7'	Single
OP-1125-14	OxyMask™ Plus w 14' tubing	Plus	14'	Single
OP-1425-8	OxyMask™ Plus w ear elastics & 7' tubing	Plus	7'	Double
OP-7025-8*	OxyMask™ Plus Non PVC with tubing 7'	Plus	7'	Single
OK-1125-8	OxyMask™ Kid w 7' tubing	Kid	7'	Single
OK-1125-14	OxyMask™ Kid w 14' tubing	Kid	14'	Single
OK-7025-8*	OxyMask™ Kid Non PVC with tubing 7'	Kid	7'	Single
OT-1025-8	OxyMask™ Tyke w 7' tubing	Tyke	7'	Single
OT-7025-8*	OxyMask™ Tyke Non PVC with tubing 7'	Tyke	7'	Single

*Non PVC

OxyMask™ EtCO₂

- Oxygen flows from 1 to 12-15 litres per minute
- Delivers 24% to 65% oxygen with End-Tidal CO₂ monitoring
- Three sizes available:
 - Adult
 - Plus (25% larger mask)
 - Kid (3 - 10 years old, 33 - 70 lbs / 15 - 32 kg)
- Not made with natural rubber latex or phthalates such as DEHP
- 25 masks/case



Code	Description	Mask Size	Tubing Length	Elastic
OM-2125-8	OxyMask™ EtCO ₂ with 7' tubing	Adult	7'	Single
OM-2125-8SLM	OxyMask™ EtCO ₂ , 7' oxygen tubing, 8' sampling line with male connector	Adult	7'	Single
OM-2125-14	OxyMask™ EtCO ₂ with tubing 14'	Adult	14'	Single
OM-2125-14SLM	OxyMask™ EtCO ₂ , 14' tubing, 15' sampling line with male connector	Adult	14'	Single
OP-2125-8SLM	OxyMask™ EtCO ₂ Plus, 7' oxygen tubing, 8' sampling line with male connector	Plus	7'	Single
OP-2125-8	OxyMask™ EtCO ₂ Plus with tubing	Plus	7'	Single
OP-2125-14	OxyMask™ EtCO ₂ Plus dual elastics & with tubing 14'	Plus	14'	Double
OK-2125-8	OxyMask™ EtCO ₂ Kid with tubing	Kid	7'	Single
OK-2125-8SLM	OxyMask™ EtCO ₂ Kid, 7' oxygen tubing, 8' sampling line with male connector	Kid	7'	Single



OxyMulti-Mask™

- Oxygen flows from 1 to 15+ litres per minute - flush
- Delivers 23% to 83% FiO₂ (Kid size 22% to 93% FiO₂)
- Three sizes available:
 - Adult
 - Plus (25% larger mask)
 - Kid (3 - 10 years old, 33 - 70 lbs / 15 - 32 kg)
- Delivers oxygen through a standard small bore tube, or using a 22mm OD adapter attached to a universal swivel elbow
- The universal elbow can be connected to most aerosol nebulizers to deliver effective aerosol therapy and not compromise O₂ delivery
- Can be used with, or without high humidity or aerosol therapy
- Not made with natural rubber latex or phthalates such as DEHP
- 25 masks/case



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 22mm adapter & 7' tubing w/nebulizer	Adult	7'	Single
OPHH-1025-8	OxyMulti-Mask™ Plus with adapter & 7' tubing	Plus	7'	Single
OPMK-4025-8	OxyMulti-Mask™ Plus with 22mm adapter & 7' tubing w/nebulizer	Plus	7'	Single
OKHH-1025-8*	OxyUltra Kid™ with adapter & 7' tubing	Kid	7'	Single

*OxyUltra Kid™ design not shown

OxyTrach™

- Delivers 23% to 83% FiO₂ on flows from 1 to 15+ litres per minute - flush
- Delivers oxygen through a standard small bore tube using the 22mm OD adapter attached to a universal swivel elbow
- The universal elbow can be connected to most aerosol nebulizers to deliver effective aerosol therapy and not compromise O₂ delivery
- Can be used with, or without high humidity or aerosol therapy
- Comfort strap sold separately
- Not made with natural rubber latex or phthalates such as DEHP
- 25 masks/case



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™

- Unique oxygen delivery device with minimal contact and no facial contact
- Ideal for burn units, trauma centers and homecare
- Delivers 24% to 50% oxygen on flows from 1 to 12-15 litres per minute
- Designed for both nose and mouth breathers
- Adapts for left or right sided positioning
- Not made with natural rubber latex
- 25/case (unless otherwise stated)



Code	Description	Design	Tubing Length
OA-DA-1025	OxyArm™ Disposable Diffuser Arm only	Arm only	none
OA-DA-3025	OxyArm™ Disposable Cannula Arm only	Arm only	none
OA-PLUS-1125-8	OxyArm™ Plus Clear Adjustable Head Band with Diffuser Arm with 7' tubing	Adjustable	7'
OA-PLUS-3125-8	OxyArm™ Plus Clear Adjustable Head Band with Nasal Cannula Arm & 7" tubing	Adjustable	7'
OA-HB-1125	OxyArm™ Plus Clear Adjustable Head Band only	Adjustable	none

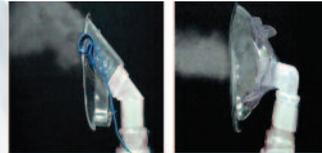
OxyMask™ Aerosol



- Right angle swivel adapter allows for optimal aerosol delivery when patient is laying down or sitting
- Tapered design allows interfacing with a wide variety of nebulizer cups
- Provides directional flow to mouth and nose
- Closed sides and open bottom design:
 - prevents aerosol from going into the eyes
 - minimizes environmental contamination
 - minimizes exposure to caregiver and other patients
- Four sizes available:
 - Adult
 - Kid (3 - 10 years old, 33 - 70 lbs / 15 - 32 kg)
 - Tyke (6 months - 3 years old, 16 - 33 lbs / 7 - 15 kg)
- Not made with natural rubber latex or phthalates such as DEHP
- 25 mask/case

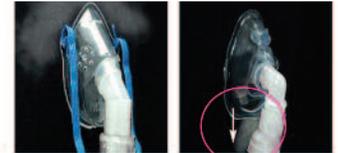


Aerosol flow WITHOUT obstruction:



Competitors masks express aerosol as shown upward to the eyes
Note: tested at 8 LPM

Aerosol flow WITH obstruction:



Competitors masks express aerosol as shown upward to the eyes

The OxyMask Aerosol Series express aerosol downward

The OxyMask Aerosol Series express aerosol towards patients nose and mouth

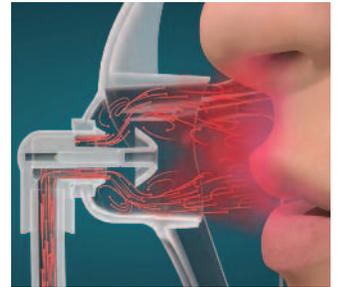
Code	Description	Mask Size	Tubing Length	Elastic
OMN-1025	OxyMask™ Aerosol with 22 mm elbow	Adult	None	Single
OKN-1025	OxyMask™ Aerosol Kid with 22 mm elbow	Kid	None	Single
OTN-1025	OxyMask™ Aerosol Tyke with 22 mm elbow	Tyke	None	Single

The Technology

Pin and Diffuser Technology



- OxyMask™ incorporates an innovative Pin and Diffuser technology designed to concentrate and redirect the flow of oxygen
- The mushroom-shaped Pin redirects the flow of oxygen, forming an organized pattern of vortices and a cloud of concentrated oxygen molecules
- The triangular directional Diffuser refines the shape of the oxygen vortices and directs the flow towards the patient's nose and mouth



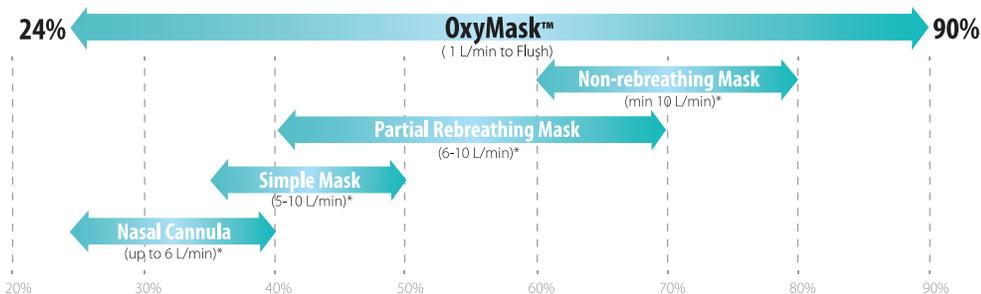
Open, Light Weight Design

- OxyMask™ is a highly efficient 'open' mask system that eliminates the need for a closed design, valves and reservoirs
- 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. The concentration of oxygen received during the breath is a function of the oxygen flow compared to the patient's inspiratory flow and tidal volume. This results in the prescribed concentration of oxygen being delivered to the patient
- During exhalation, the mask openings allow expired carbon dioxide to escape



OxyMask™ is a revolutionary open oxygen mask

- Delivers oxygen concentrations from 24%-90%* FiO₂, at flows ranging from 1 to 15+ litres per minute



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



The Surgical Company

Distributed by:
Terminalweg 19 a, NL-3821 AJ Amersfoort
T 033 456 78 28, www.tsc-nl.com

Respiratory
Surgical
Blades & Scalpels
Dynamic Tissue Systems

Manufactured by:
Southmedic Inc.
50 Alliance Blvd.,
Barrie, ON Canada L4M 5K3
www.thebetteroxygenmask.com

email: oxymask@southmedic.com
1-800-463-7146 Toll free in North America
1-705-726-9383
1-705-728-9537 Fax
ISO 13485