

BLS Systems Introduces the

O-Mask



The Next Generation in Oxygen Therapy

- **Deliver from 30% - 99% Oxygen; Low - Medium - High oxygen concentrations with one mask.**
- **Compatible with standard Nebulizer for Drug therapy.**
- **All patient exhalation can be filtered through submicron, hydrophobic 3M™ filter. Protects healthcare workers *and* patients.**

Other features include

- ❑ A closed mask breathing system with ability to incorporate a submicron, hydrophobic 3M™ filter that maintains respiratory isolation during oxygen and drug aerosol therapy, reducing the risk of airborne infections such as SARS and influenza.
- ❑ Over 99.9% bacterial and viral filtration efficiency with optional filter attached.
- ❑ 3 mask sizes (Large Adult, Small Adult and Child) ensure best fit possible.
- ❑ Cost effective; Replace Low, Med, High Oxygen concentration and nebulizer masks with one mask.
- ❑ 100% latex free and disposable.
- ❑ Patent pending.



O-Mask vs. Standard Oxygen Therapy Mask

The O-Mask has a closed isolation system which ensures that concentrations are delivered easily and economically. Delivery of high oxygen concentrations with a standard non-rebreathing facemask can be difficult because of leaks and the removal of side vent flap valves.

With the O-Mask closed system exhalation can be routed through a submicron, hydrophobic filter, thereby reducing the risk of communicable respiratory disease, such as SARS or influenza. Studies have concluded that infectious disease can be transmitted to healthcare workers and other patients through exhaled, viral-laden droplets emanating from the side vent flap valves of standard non-rebreathing facemasks.

When using the O-Mask, the inhalation and exhalation valves will open should the oxygen supply stop or be reduced, allowing the patient to breathe normally. It can be hazardous to a patient should the oxygen flow stop or be reduced when using a standard non-rebreathing facemask. If this happens, the healthcare worker must remove the side vent flap valves in order for the patient to inhale; this could be critical, especially if the patient has a compromised lung condition.

The O-Mask has a patented valve system which allows the patient to receive the amount of make-up air needed to match the patient's peak inspiratory flow rate or high minute volume. This keeps the patient's work of breathing to a minimum and the oxygen concentration remains stable. The only way a standard non-rebreathing facemask can handle a patient's high minute volume or peak inspiratory flow rate that exceeds the determined oxygen flow rate, is to remove one or both of the side vent flap valves. When these are removed, the desired oxygen concentrations are lost and the patient's condition is compromised.

The O-Mask closed system allows use of a standard nebulizer to administer drug therapy without removing the mask from the patient and without the risk of airborne infection. The standard non-rebreathing facemask must be removed to allow administration of inspired medication; this puts the healthcare worker at risk in an infection control situation.

Product Information

Product Number	Description
6200	Large Adult O-Mask Mask with O2 reservoir and tubing
6205	Small Adult O-Mask Mask with O2 reservoir and tubing
6210	Child O-Mask Mask with O2 reservoir and tubing
4000-F	Rescuer HEPA Filter with 3M™ Filtrate
6250-N	Rescuer Nebulizer

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