

Vision Facemask



Summit Oxygens' 'Vision' facemask is the culmination of twelve months of extensive research and development. The result is a facemask that addresses the issues of using supplementary oxygen on the worlds highest mountains.

The 'Vision' facemask offers the climber a complete solution. The compact oxygen reservoir is conveniently mounted on the side of the facemask for protection. Two valves operate in both directions (dual directional) eliminating any resistance to breathing. Oxygen flow is confirmed by the 'flow indicator which is manufactured in a hardened, clear case. In addition, the 'flow selector' provides the climber the convenience to alter their oxygen flow rate from their shoulder/chest area and unrivalled accuracy of flow rates.

The 'Vision' facemask is available in two sizes:

- Small / medium - Blue
- Large - Red

More detailed information can be found below along with our contact details.

At a Glance



- Compact oxygen reservoir
- Mounted on facemask for security
- Clear windows to check function



- Secure, comfortable mesh head harness
- Easy access side release clips
- Comfortable silicone inner mask



- Dual-directional silicone valves
- Hardened exo skeleton prevents spreading across the face
- Low profile design for excellent field of vision



- Oxygen flow indicator
- Flow selection from shoulder / chest area
- Reinforced silicone oxygen delivery hose

In Detail



Oxygen Reservoir

The purpose of any oxygen reservoir is to capture oxygen that is flowing whilst the climber is exhaling. In the case of the 'Vision' facemask this is achieved by way of a silicone diaphragm encased in a hardened, clear cover. As the climber inhales the bolus of oxygen accumulated in the reservoir is instantly delivered at the leading edge of inhalation. On exhalation the reservoir refills ready for the next cycle.



Flow Selector

The 'flow selector' allows the climber to alter their oxygen flow rate from the shoulder/chest area. There are two reasons that make this a considerable advantage:

Convenience - Having the 'flow selector' so accessible the climber can save oxygen by reducing their flow rate when resting and increase it during periods of increased exertion only.

Accuracy - Guaranteed flow accuracy of +/-2%.



Flow Indicator

The 'flow indicator' confirms to the climber they are receiving oxygen. It is extremely sensitive and will register flows as low as 0.25-lpm. The images above show the 'flow indicator' in the open 'flow' and closed 'no flow' positions.

The flow indicator and oxygen reservoir case are manufactured from a Xylex 7200, which has excellent properties at low temperature whilst remaining perfectly clear.

Servicing



Servicing is vitally important to ensure your 'Vision' facemask performs as designed. Summit Oxygen's engineers are available in Kathmandu during the build up to the spring and autumn climbing seasons to service your equipment. This includes the testing of regulators, refilling of oxygen cylinders in addition to ensuring your facemask is in perfect working order.

Use the contact details below to get in touch and arrange the servicing of your equipment.

Further Information

Please contact us for further information:

Phone: +44 (0) 7884006610

E-mail: enquiries@summitoxygen.com

Website: www.summitoxygen.com

