



Silente™ adjustable venturi valve

Low operating noise



Oxygen and Aerosol Therapy ▪ Fixed Oxygen Concentration (High Flow)



Silente adjustable venturi valve

The Silente has been designed to operate at a very low noise level. The twin-jet design offers the user seven oxygen concentrations.

A large diameter body provides space for clear, widely spaced calibration and incorporates a “pull-twist” action to prevent accidental adjustment.

The one-piece design eliminates the need to use more than one valve for all concentrations and there are no separate pieces to be lost or mislaid.

Ease of use

The Intersurgical adjustable venturi valve is simple to use and has the following features:

- The appropriate flow range is selected using a “pull-twist” action, to suit the desired oxygen concentration. The outer ring selects the oxygen concentration range required, the inner ring selects the prescribed oxygen concentration.

- A flow in L/min is printed next to each concentration indicating the optimum flow meter setting. These flows have been selected to ensure that the patient receives a total flow of approximately 40 L/min. This is designed to meet the patient’s ‘normal peak inspired flow’ requirements!

Precision

The Silente delivers precise oxygen concentrations. This accuracy is independent of the oxygen flow meter setting and is achieved using just one valve.



Table shows total flow rate delivered to patient in litres per minute (L/min)

Oxygen flow meter litres per minute (L/min)

	3	4	6	8	10	12	15
26%	47	63					
28%	34	45	67				
31%		32	47	63			
35%			34	45	56		
40%				33	42	50	
45%					33	39	49
50%						33	41

NOTE: Figures in **bold** indicate total flow rate to patient when using recommended oxygen flow.



Intersurgical EcoLite™ masks

Welcome to the Comfort Zone

The unique design and materials used to manufacture the Intersurgical EcoLite mask provides improved patient comfort and a reduced environmental impact.

Comfortable for the Patient

Improved patient comfort and safety has been key to the development of the Intersurgical EcoLite mask. The latest manufacturing technology has enabled us to combine two non-PVC and therefore phthalate free materials in the same product. The polypropylene material forming the body of the Intersurgical EcoLite mask is clear, lightweight and rigid enough to maintain the masks shape, whilst the second softer TPE material is utilised in the seal, which is in contact with the patients face.

Comfortable for the Environment

The Intersurgical EcoLite mask is an important part of our Eco range, designed as part of our ongoing focus on sustainable development. Various groups have questioned the use of PVC in medical products and its impact on the environment. The utilisation of alternative materials has resulted in the elimination of PVC from the Intersurgical EcoLite mask, reducing the environmental impact.



www.intersurgical.com/info/eco

Incurved nose seal

Conforms to different nose shapes designed to prevent oxygen entering patient's eyes

Large, well spaced calibration settings

Easy to read, minimises errors

Pull-Twist controls

Prevent inadvertent adjustment

One piece design

No parts to change or lose

Extremely quiet

Much improved patient environment

Accurate oxygen concentrations

Soft face seals

Increased patient comfort

Elastic can be positioned under or over the ears

Below ear position eliminates trauma to top of ears

A choice of "under chin" or "on chin" positions

Provides a better fit on a wider range of patient face shapes





Code	Description	Box Qty.	
1137015	Silente, Intersurgical EcoLite™, adult, adjustable venturi mask kit with tube, 1.8m	30	
1138015	Silente, Intersurgical EcoLite™, paediatric, adjustable venturi mask kit with tube, 1.8m	40	
1188015	Intersurgical EcoLite, adult, aerosol mask	50	
1198015	Intersurgical EcoLite, paediatric, aerosol mask	42	
1139000	Silente, adjustable venturi valve	50	

Reference: 1.Clinical practice in Respiratory Care. James B.Fink.

Lower environmental impact product



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The manufacturer Intersurgical Ltd is certified to ISO 9001:2015, ISO 13485:2016 and ISO 14001:2015

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