



## Silente™ adjustable venturi valve

Minimal noise level



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



## Silente adjustable venturi valve

The Silente has been designed to operate with minimal noise output, with the large diameter body providing space for clear, widely spaced calibration and incorporating a “pull-twist” action to help minimise the risk of accidental adjustment.

The Silente venturi valve has been designed to deliver fixed concentrations of oxygen, that may be adjusted to suit clinical requirements.

The one-piece design eliminates the need to use more than one valve for all oxygen 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 litres per minute is printed next to each oxygen concentration indicating the recommended oxygen flow meter setting. These flows have been selected to ensure that, in most cases, the patient receives a total flow of approximately 40 L/min. This is designed to meet the patient's ‘normal peak inspired flow’ requirements<sup>1</sup>



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

		Oxygen flow meter litres per minute (L/min)										
		3	4	5	6	7	8	9	10	11	12	15
Oxygen Concentration	26%	<b>47</b>	63	78	94							
	28%		<b>45</b>	56	67	79	90					
	31%				<b>47</b>	55	63	71	79	87		
	35%						<b>45</b>	51	56	62	68	84
	40%								<b>42</b>	46	50	62
	45%										<b>39</b>	49
	50%											<b>41</b>

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.

Find out more



#### Incurved nose seal

Conforms to different nose shapes designed to reduce the risk of oxygen entering patient's eyes

#### Large, well spaced calibration settings

Easy to read, minimises errors

#### Pull-Twist controls

Helps minimise the risk of inadvertent adjustment

#### One piece design

No parts to change or lose

#### Minimal noise output

Much improved patient environment

#### 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



Available with oxygen tubing featuring a universal connector, which can be attached to a 6mm flow meter spigot or fitted directly onto a 9/16-18 UNF Diameter Index Safety System (D.I.S.S.) flow meter





Code	Description	Box Qty.	
1137015	Silente, Intersurgical EcoLite™, adult, adjustable venturi mask kit with tube, 1.8m	30	
1137016	Silente, Intersurgical EcoLite, adult, adjustable venturi mask kit and tube with universal connector, 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 14001:2015, ISO 9001:2015, ISO 13485:2016 and MDSAP

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 Save energy and paper.  
 If you must print this information sheet please print it double sided.