



### ■ Performance of the two ventilation modes

**ALYS** has two modes of controlled ventilation - volume (VC) and pressure (PC), both of which are very efficient thanks to a high inspiratory flow rate.

At each stage of anaesthesia **ALYS** ensures precise monitoring of ventilation with particularly safe spontaneous ventilation.

**ALYS** adapts to all situations, from new-born to adult.

### ■ Simplicity of use

**ALYS** has an easy to use control panel, with a display that clearly shows patient ventilation and the various alarms thanks to dedicated display areas.

For greater comfort **ALYS** is equipped with a rear-lit 5-tube rotametric mixer that ensures fine and rapid fresh gas adjustment.

### ■ Optimum design

**ALYS** enables optimum integration of all monitors and accessories.

**ALYS** has plenty of work space and practical storage drawers.

# ALYS

## *Ventilation efficiency*

# SPECIFICATIONS

## Applications

Adult – Child – Baby

## Ventilation modes

Manual ventilation ..... VM  
 Spontaneous ventilation ..... VS  
 Volume controlled ..... VC  
 Pressure controlled ..... PC

## Settings - Performance

### Ventilation

Tidal volume ..... 20 to 1500 mL  
 Insufflation pressure ..... 10 to 50 hPa  
 Frequency ..... 5 to 60 c/min  
 I/E ..... 1/3 to 1/1  
 PEEP ..... 0 to 25 cm H<sub>2</sub>O  
 Safety valve ..... 10 to 90 cm H<sub>2</sub>O  
 Inspiratory flow rate ..... 1 to 80 L/min

### Five-tube mixer – Fresh gas block

Gas ..... O<sub>2</sub>, N<sub>2</sub>O, Air  
 O<sub>2</sub> flow ..... 0.1 to 10 L/min  
 N<sub>2</sub>O flow ..... 0.1 to 10 L/min  
 Air flow ..... 0.2 to 15 L/min  
 O<sub>2</sub> flush rate ..... 55 L/min  
 Vaporizer backbar for 2 vaporizers  
 Selectatec® compatible  
 Other compatibilities optional

### Additional functions

Plateau ..... 20 % Ti  
 Sigh ..... 1/100, Ti<sub>s</sub>=1.5xTi, Te<sub>s</sub>=1.5xTe, Vt<sub>s</sub>=1.5 Vt  
 Inspiratory pause ..... 5 seconds max  
 Expiratory pause ..... 15 seconds max

## Patient circuit

Circuit ..... autoclavable monoblock (134°C/18 min)  
 Volume of soda lime canister ..... 1.5 L  
 Compliance ..... automatic compensation

## Patient monitoring

Tidal volume ..... V<sub>t</sub>  
 Flow rate .....  $\dot{V}$   
 Respiratory frequency ..... f  
 Peak pressure ..... P<sub>c</sub>  
 Average pressure ..... P<sub>m</sub>  
 Positive End of Expiratory Pressure ..... PEEP  
 Inspiratory concentration in O<sub>2</sub> ..... FiO<sub>2</sub>  
 Pressure bargraph

## Alarms

P<sub>min</sub> ..... 3 to 76 hPa  
 P<sub>max</sub> ..... 11 to 81 hPa  
 Ve min ..... 0.1 to 15 L/min  
 O<sub>2</sub> min ..... 18 to 93 %  
 O<sub>2</sub> max ..... 27 to 100 %

## General

Dimensions (LxDxH) ..... 81x69x134 cm  
 Weight (basic system) ..... 100 kg  
 Voltage ..... 100 - 240 V  
 Frequency ..... 50 - 60 Hz  
 Power (max) ..... 60 VA  
 Electrical class ..... 1  
 Type ..... B  
 Electrical connection block ..... 4 x (2x4AT)  
 Communications interface ..... RS232  
 Medical gases ..... 2.5 - 6 bar  
 Type of driving gas ..... Air or oxygen



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