

Taema



■ Choice of ventilation modes

ALYS 2000 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 2000** ensures precise monitoring of ventilation with particularly safe spontaneous ventilation.

ALYS 2000 adapts to all situations, from new-born to adult.

■ Simplicity of use

ALYS 2000 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 2000** is equipped with a rear-lit 5-tube rotametric mixer that ensures fine and rapid fresh gas adjustment.

■ Optimum design

ALYS 2000 enables optimum integration of all monitors and accessories.

ALYS 2000 has plenty of work space and practical storage drawers.

ALYS 2000

Ventilation efficiency



Taema

SPECIFICATIONS Alys 2000

Applications

Adult – Child – Baby

Ventilation modes

Manual ventilation VM
Spontaneous ventilation VS
Volume controlled VC
Pressure controlled PC
Intermittent volume controlled VCI
Intermittent pressure controlled PCI

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 H₂O
Safety valve 10 to 90 cm H₂O
Inspiratory flow rate 1 to 80 L/min

Five-tube mixer – Fresh gas block

Gas O₂, N₂O, Air
O₂ flow 0.1 to 10 L/min
N₂O flow 0.1 to 10 L/min
Air flow 0.2 to 15 L/min
O₂ flush rate 55 L/min
Vaporizer backbar for 2 vaporizers
Selectatec® compatible
Other compatibilities optional

Additional functions

Plateau 20 % Ti
Sigh 1/100, Tis=1.5xTi, Tes=1.5xTe, Vts=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 Vt
Flow rate \dot{V}
Respiratory frequency f
Peak pressure Pc
Average pressure Pm
Positive End of Expiratory Pressure PEEP
Inspiratory concentration in O₂ FiO₂
Pressure bargraph

Alarms

Pmin 3 to 76 hPa
Pmax 11 to 81 hPa
Ve min 0.1 to 15 L/min
O₂ min 18 to 93 %
O₂ 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

Taema is an activity of AIR LIQUIDE Santé International

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In more than 40 countries, the mission of AIR LIQUIDE Santé employees is to improve healthcare extended to patients, whether in hospitals or at home.

Their ethic requires commitment to the welfare of patients and support to all the people who look after them. Their ambition is the development of the AIR LIQUIDE group in the Healthcare profession.



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