

# Taema



## ■ Suspended **CLARYS 2000** Optimum operating room layout:

The lightness of **CLARYS 2000** allows it to be suspended from an arm in a ceiling with medium load-bearing capacity.

This configuration liberates space and gives freedom of movement because electrical, pneumatic, and computer connections are out of the way.

The design of **CLARYS 2000** makes for easy assembly, dismantling, cleaning, and maintenance.

## ■ Mobile **CLARYS 2000** Enhanced manoeuvrability:

Its capacity and lightness give it remarkable manoeuvrability.

Its tubular structure facilitates integration with other equipment and accessories.

This modularity allows **CLARYS 2000** to be configured according to your requirements.

## ■ Choice of ventilation modes

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

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

# CLARYS 2000

*Need modularity in  
your operating room ?*



# Taema

## SPECIFICATIONS CLARYS 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 H<sub>2</sub>O  
Safety valve ..... 10 to 90 cm H<sub>2</sub>O  
Inspiratory flow rate ..... 1 to 80 L/min

#### Mixer – Fresh gas block

##### • Three-tube mixer

Gas ..... O<sub>2</sub>, N<sub>2</sub>O, Air  
O<sub>2</sub> flow ..... 0.2 to 15 L/min  
N<sub>2</sub>O flow ..... 0.2 to 15 L/min  
Air flow ..... 0.2 to 12 L/min  
O<sub>2</sub> flush rate ..... 55 L/min

##### • Five-tube mixer option

Vaporizer backbar ..... for 1 vaporizer  
Selectatec® compatible  
Other compatibilities optional  
Evaporator parking backbar 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 O<sub>2</sub> ..... FiO<sub>2</sub>  
Pressure bargraph

### Alarms

Pmin ..... 3 to 76 hPa  
Pmax ..... 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) ..... Mobile version 75x74x134 cm  
Suspended version 73x60x74 cm  
Weight (basic system) ..... Mobile version 70 kg  
Suspended version 52 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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