

# Spencer 118 NXT

## Pneumatic lung ventilator



Pneumatic lung ventilator for non-invasive ventilation of adult and pediatric patients.

### Caratteristiche specifiche

- The pneumatic mode of operation, allows a significant reduction of maintenance costs associated with the requirements of electrical safety regulations
- Total Absence of risks of electric shock generated by the device
- Protections against accidental operation of power and AIR MIX activation levers
- Color coded manovacuometer for an immediate visualization of the pressure in the patient circuit
- The lateral positioning of the medical gas input and output, makes the connection and disconnection easier and offers greater protection for the elements connected to the device
- Adjustment knobs on high-contrast background for a better identification of settings
- The small aluminum structure, allows to reduce weight
- The positioning and the shape of the adjustment knobs facilitates the setting of the ventilation parameters in all operating conditions
- The non-constant I/E ratio makes the management of the ventilation more versatile
- The presence of one ventilation mode (controlled) make it simple and easy to operate
- Equipped with alarms required by the EN 794-3 standard

### Standard equipment

- Patient circuit
- Face mask
- Oxygen connection tube

### Technical data

Materials	Al, Steel, Brass, PE
Dimensions	270x210x177 ± 20 mm
Weight	3,84 ± 0,1 kg
Ventilation mode	Controlled (VC-CMV)
Frequency	From 10 to 70 bpm
Flow	From 2 to 20 L/min
Overpressure valve settings	From 20 to 60 mbar
High pressure alarm	60 ± 5 mbar
Manovacuometer precision	1,6
I/E* Ratio	1:2.0 ±0,3 at 10bpm 1:1.5 ±0,3 at 70bpm
O <sub>2</sub> concentration	80% or 100%
Manovacuometer scale	From -20 to +80 mbar
Input connection	UNI
Input pressure	From 280 to 600 kPa
Non-rebreathing valve	60cmH <sub>2</sub> O

\* The ratio varies linearly between the given parameters

Class IIb Med.Device according to Dir. 93/42/CEE

SPENCER 118 NXT PNEUMATIC  
LUNG VENTILATOR  
EV21118B



CND Classification

Z12030104

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