

Spencer 170 NXT Lung ventilator



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

Specific features

- Protection against accidental activation of the AIR MIX and ON/OFF selection levers
- Color coded manometer for an easy identification of pressure ranges
- The positioning of input and output ports on the side of the device, makes connecting and disconnecting easier and offers greater protection to the elements connected to the device
- Control knobs on high contrast background for a better identification of the set values
- The aluminum structure is compact and allows extreme reduction of weights
- The placing and the shape of adjustment knobs make the setting of parameters easier in all operative conditions
- Constant I/E ratio
- Alarms for ventilation monitoring and device management
- The presence of one ventilation mode make it simple and easy to operate

Reference standards

- EN 794-3
- EN 1789
- EN 60601-1
- EN 60601-1-2
- EN 60601-1-8
- UN/ECE Regulation 10 – Approval number E24 10R-041994

Standard equipment

- Patient circuit
- Face mask
- O₂ Connection tube

Optional accessories

- AC/DC adapter 100/240 VAC 50-60Hz.

Technical data

Materials	Al, Steel, Brass, PE
Dimensions	270x177x210 ± 20 mm
Weight	3,44 ± 0,2 kg
Allarms	High pressure – Pneumatic supply – Low battery (Two stages)
Alarms sound press. level	80 ± 10db
Audio mute time	100 s
Frequency	From 5 to 40 bpm
Flow	From 2 to 20 L/min
Overpressure valve adjustment	From 20 to 60 cmH ₂ O
I/E Ratio	1:2
O ₂ Concentration	60% or 100%
Manometer	From -20 to +80 mbar
Pneumatic connection standard	UNI
IP protection	IP24
Classification	Class II or internally powered
Power supply	External by 12V cigarette lighter or approved AC/DC adapter 100/240VAC 50-60Hz ^(optional) . Internal rechargeable battery Ni-Mh
Battery operating time	About 3 hours
Applied part	Type BF
Pneumatic supply	From 280 to 600 kPa
Non-rebreathing valve	60cmH ₂ O

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

SPENCER 170 NXT ELECTR. PULM. VENT. ENG
PAN.
EV01170/NB



Rev.0 (27/09/2016)

UNCHECKED COPY – further revisions will be available on <http://support.spencer.it>
Spencer Italia S.r.l. Collecchio (PR) Italia Tel. +39.0521.541111 Fax +39.0521.541222

www.spencer.it