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
O_2 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_2O
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_2O

Class IIb Med.Device according to Dir. 93/42/CEE
SPENCER 170 NXT ELECTR. PULM. VENT. ENG PAN.
EV01170/NB

CE 0123