

# Spencer 190 NXT KOMPAK Electronic lung ventilator



Electronic lung ventilator in transport version, for non-invasive ventilation of adult and pediatric patients.

#### Specific features

- Protection against accidental activation of the AIR MIX selection lever
- Generous size manovacuumeter for immediate visualization of the pressure in the patient circuit
- 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 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
- Led bar for monitoring of breaths
- Transport system with integrated oxygen tank and pressure reducer
- Three ventilation modes:
  - CMV: A mandatory inflation is initiated according to the set parameters
  - TVM: An inflation is initiated according to the set parameters only if triggered by the patient
  - A/CV: The inflation is assured to be initiated at intervals determined by the set rate, unless initiated by an earlier patient-trigger event

#### Reference standards

- EN 794-3
- EN 1789
- EN 60601-1
- EN 60601-1-2
- EN 60601-1-8
- UN/ECE Regulation 10 – Numero di omologazione E24 10R- 041994

#### Standard equipment

- Patient circuit
- Mouth spreader and Collin tongue forceps
- Guedel 80 and 120mm
- Face masks sz 2 and sz 5
- O<sub>2</sub> Connection tube
- Carry bag
- 2l Oxygen tank

#### Optional

- EV50080 - AC/DC adapter 100/240 VAC 50-60Hz.

#### Technical data

Materials	Al, steel, brass, PE
Dimensions	460x345x150 ± 10 mm
Allarms	High pressure – Low pressure – Apnea – Pneumatic supply – Low battery
Alarms sound press. level	80 ± 10db
Tempo di silenziamento allarmi	100 s
Frequency	From 5 to 40 bpm
Flow	From 2 to 20 L/min
Trigger	From -2 to -12 mbar
Overpressure valve adjustment	From 20 to 60 cmH <sub>2</sub> O
I/E Ratio	1:2
O <sub>2</sub> Concentration	60% o 100%
Manometro	From -20 to +80 mbar
Pneumatic connection standard	UNI on the ventilator – DIN for connection hose, oxygen tank and pressure reducer
IP protection	IP44
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

SPENCER 190 NXT KOMPAK DIN LUNG  
VENTILATOR  
EV02192/NB



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