

SPENCER 170 AND 190 NXT ELECTRONIC VENTILATORS

- 34006 SPENCER 170 NXT ELECTRONIC VENTILATOR
- 34007 SPENCER 170 NXT KOMPAK ELECTRONIC VENTILATOR
- 34009 SPENCER 190 NXT ELECTRONIC VENTILATOR

Electronic lung ventilators for non invasive ventilation of adult and pediatric patients

- protection against accidental activation of the AIR mix selection lever
- colour coded manometer for easy identification of pressure ranges
- positioning of input and output ports on the side of the device, make connecting and disconnecting easier and offer greater protection to the elements connected to the device
- control knobs on high contrast background for a better identification of the set values
- compact, lightweight aluminium frame

| TECHNICAL SPECIFICATIONS | 34006-7 | 34009 |
|--------------------------|--|--|
| Drive: | Electronic | Electronic |
| Frequency: | from 5 to 40 BPM | from 5 to 40 BPM |
| Alarms: | High pressure Low pressure Apnea | High pressure Low pressure Apnea |
| Pneumatic supply: | Low battery | Pneumatic supply Low battery |
| Flow: | 2 to 20 l/min | 2 to 20 l/min |
| I/E Ratio: | 1:2 | 1:2 |
| Oxygen concentration: | 60% or 100% Patented system | 60% or 100% Patented system |
| Trigger: | from -12 to -2 mbar | from -12 to -2 mbar |
| Overpressure valve: | 20-60 cm H ₂ O - adjustable | 20-60 cm H ₂ O - adjustable |
| Battery operating time: | Approx. 3 hours | Approx. 3 hours |
| Manometer scale: | -20 to +80 mbar | -20 to +80 mbar |
| IP protection: | IP24 | IP24 |
| Non re-breathing valve: | 60 cm H ₂ O | 60 cm H ₂ O |
| Pneumatic supply: | from 280 to 600 kPa | from 280 to 600 kPa |
| Pneumatic connection: | UNI | UNI |
| External source: | 12 V DC | 12 V DC |
| Internal source: | Rechargeable Ni-Mh battery | Rechargeable Ni-Mh battery |
| Dimensions (mm): | 270x177x210 | 330x177x210 |
| Weight: | 3.5 kg | 3.6 kg |
| Structure: | Aluminium, steel, brass, PE | Aluminium, steel, brass, PE |

STANDARD ACCESSORIES

- Patient circuit (corrugated tubing with non re-breathing valve)
- Power cable
- Oxygen tube
- Manual: GB, IT, on request ES*, PT*
- 2 l oxygen cylinder, pressure reducer, transport case (34007 only)
- Adult face-mask
- Battery
- UNI adaptor

*Only 34006, 34007

- place and 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

Ventilator 190 NXT also features:

- led bar for breath monitoring
- three ventilation modes (only one for 34006-7)
CMV: mandatory inflation is initiated according to the set parameters
TVM: inflation initiated according to the set parameters only if triggered by the patient
A/CV: inflation is assured to be initiated at intervals determined by the set rate, unless initiated by an earlier patient trigger event.

Kompak ventilator with transport case.

Transport case containing ventilator 170 NXT, oxygen cylinder with pressure regulator ready to use.

- 34035 CORRUGATED PVC TUBE - 117 cm
- 34036 PATIENT CIRCUIT (valve+corrugated tube)
- 34019 BATTERY - spare for 34006, 34007, 34009

MADE IN ITALY

SPENCER



34007



34006



34009

SPENCER 118 NXT PNEUMATIC LUNG VENTILATOR

- 34016 SPENCER 118 NXT AUTOMATIC VENTILATOR
- 34017 SPENCER 118 NXT KOMPAK AUTOMATIC VENTILATOR

Pneumatic lung ventilator for non-invasive ventilation of adult and pediatric patients. The pneumatic mode of operation allows a significant reduction of maintenance costs associated with the requirements of electrical safety regulations. Total absence of electrical shock risks generated by the device. Protections against accidental activation of power and AIR MIX levers. Colour coded manovacuometer for an immediate display of the pressure in the patient circuit. 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 allows a better identification of settings. Small, lightweight aluminium body. Positioning and shape of the adjustment knobs facilitate 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 makes it simple and easy to operate. Equipped with alarms required by the EN 794-3 standard.

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

Kompak ventilator with transport case.

Transport case containing ventilator, oxygen cylinder with pressure regulator ready to use.

- 34035 CORRUGATED PVC TUBE - 117 cm
- 34036 PATIENT CIRCUIT (valve+corrugated tube)



34016

TECHNICAL SPECIFICATIONS

| | |
|---------------------------------------|---|
| Drive | 100% pneumatic |
| Ventilation mode | Controlled (VC - CMV) |
| Respiration frequency | 10 to 70 breaths/min. |
| Inspiratory-expiratory phase time I:E | 1:2.0 ±0.3 at 10 bpm - 1:1.5 ±0.3 at 70 bpm |
| Frequency: | 10 to 70 bpm |
| Flow | 2 to 20 l/min adjustable |
| Oxygen concentration | From 60 or 100% |
| Safety valve | From 20 to 60 mbar |
| Monovacuometer precision: | 1.6 |
| Manovacuometer scale | -20 to +80 mbar |
| High pressure alarm | 60 ±5 mbar |
| Non-rebreathing valve | Autoclavable, 60 cm H ₂ O |
| Input connection | UNI |
| Input pressure | 280 to 600 kPa |
| Dimensions - weight | 270x210x177 mm - 3.8 kg |
| Structure | aluminium, steel, brass, PE |

STANDARD ACCESSORIES

- Patient circuit (corrugated tubing with non re-breathing valve)
- Oxygen tube 100 cm - UNI adaptor
- Pressure reducer (34017 only)

- Adult face-mask
- 2 l oxygen cylinder (34017 only)
- Transport case (34017 only)

- Antibacterial filter
- Guedel cannula, tongue holder (34017 only)
- Manual: GB, IT,