

| | Spencer 170 NXT | Spencer 190 NXT | Spencer 118 NXT |
|--|--|--|---|
| Product code | EV01170/NB | EV01190/NB | EV21118B |
| Dimensions (mm) | 270 x 177 x 210 mm | 330 x 177 x 210 mm | 270 x 177 x 210 mm |
| Weight (kg) | 3.44 | 3.65 | 3.84 |
| Operation | Electronic | Electronic | Pneumatic |
| Pneumatic supply | From 2.8 to 6 bar | From 2.8 to 6 bar | From 2.8 to 6 bar |
| Patients (Adult, Paediatric) | A, P | A, P | A, P |
| Pneumatic connection | UNI | UNI | UNI |
| Power supply | 12 V, Power adapter 220 V, Ni-Mh battery | 12 V, Power adapter 220 V, Ni-Mh battery | / |
| Battery autonomy | About 3 hours | About 3 hours | / |
| Frequency (BpM) | From 5 to 40 | From 5 to 40 | From 10 to 70 |
| Volume minute (l/min) | From 2 to 20 | From 2 to 20 | From 2 to 20 |
| I:E Ratio | 1:2 | 1:2 | Linearly variable from 1:2.0 ± 0.3 at 10 bpm to 1:1.5 ± 0.3 at 70 bpm |
| Overpressure valve adjustment (cmH ₂ O) | From 20 to 60 cmH ₂ O | From 20 to 60 cmH ₂ O | From 20 to 60 cmH ₂ O |
| Trigger (mbar) | / | From -12 to -2 mbar | / |
| O ₂ Concentration | 60% or 100% | 60% or 100% | 80% or 100% |
| Manometer | Analogic | Analogic | Analogic |
| Manovacuumeter scale (mbar) | From -20 to +80 mbar | From -20 to +80 mbar | From -20 to +80 mbar |
| Display | NO | Led to monitor breathing time | NO |
| Alarms | High pressure (A+V) | High pressure (A+V) | High pressure (A+V) |
| | / | Low pressure (A+V) | / |
| | Gas supply (A+V) | Gas supply (A+V) | Pneumatic supply (V) |
| | Low battery and very low battery (A+V) | Low battery (A+V) | / |
| | | Apnea (A+V)(Only TVM mode) | / |
| Ventilation modes | CMV | CMV, A/CV, TVM | CMV |
| IP Protection | IP44 | IP44 | / |
| Other information | On charge, Externally powered, Failure and/or internal battery anomaly, other failures | On charge, Externally powered, Failure and/or internal battery anomaly, other failures | / |

Are you aware
of all **legislations**
applicable
to lung ventilators?

NXT Series have been designed
in compliance with all relevant
norms and regulations

| | Spencer 170 NXT | Spencer 190 NXT | Spencer 118 NXT |
|--------------------------------|-----------------|-----------------|-----------------|
| Optional fastener | • | • | • |
| EN 1789 | • | • | • |
| EN 794-3 | • | • | • |
| ISO 5356-1 | • | • | • |
| EN 60601-1 | • | • | NA |
| Applied part | BF | BF | NA |
| Derived standards | | | |
| EN 60601-1-2 | • | • | NA |
| EN 60601-1-6 | • | • | NA |
| EN 60601-1-8 | • | • | NA |
| EN 62366 | • | • | • |
| AUTOMOTIVE (ECE REGULATION 10) | • | • | NA |

NXT 10 G FASTENERS

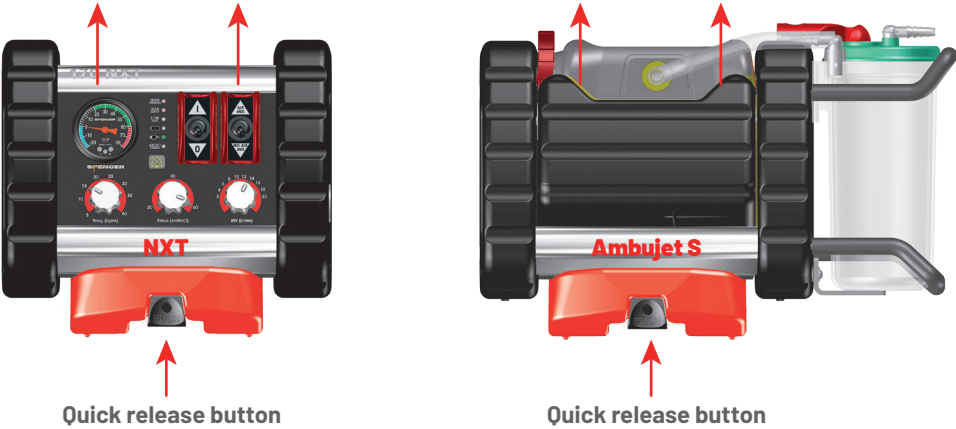
Modular system for ventilation devices and suction units

Their shape is designed to allow easy and quick placing of the lung ventilator on the fastener. The quick release button on the front side is easy to operate. Thanks to the perfect integration between the fastener and the lung ventilator, the overall dimensions remain almost identical to those of the lung ventilator itself, with the height increased only by a few centimeters. Easy to install inside the emergency vehicle.



NXT MAX P
10 G fastener/charger
for NXT lung ventilators
EV50121B
EV50120B (without charger)

NXT MAX WALL
10 G wall fastener
for NXT lung ventilators
EV50122B



All NXT fasteners are compatible
with AMBUJET S suction unit

The value of a choice is measured in the future.



NXT the unbreakable series
Introducing the ultimate expression of Spencer's
efficiency, design and innovation.

spencer.it

170 NXT

Compact electronic ventilator

- SHOCK PROOF
- EASY-TO-USE
- COMPACT



Protected AIR MIX and ON/OFF selection levers, colour coded manometers, lateral positioning of input and output ports, compact and lightweight aluminium frame. Used for both adult and paediatric patients. The presence of one ventilation mode makes it simple and easy to operate.

Unique features

- Lever button (mechanical switch)
- The most compact of its category
- Two alarm levels for low battery

Ventilation mode

CMV A mandatory inflation is initiated according to the parameters set.

Standard equipment

- Patient circuit
- Face mask
- O₂ connection tube

Optional accessories

- AC/DC adapter 100/240 VAC 50-60 Hz
- 10 G Fasteners (EV50121B, EV50120B, EV50122B)

HDPE shock-absorbent **protective shell**

Special protections against accidental activation of the **AIR MIX** selection lever

Built-in connections for full protection bump

Easy access

to fuses and rapid substitution of the battery with a coin

Visual and acoustic alarms for ventilation monitoring and device management

10 G

190 NXT

Advanced electronic ventilator

- STABLE
- 3 VENTILATION MODES
- LED DISPLAY



Compared to 170 NXT, Spencer 190 NXT has more advanced ventilation options and features a LED bar for monitoring of breathing. It also integrates the trigger function, which starts a new inflation only on patient demand, according to the ventilation mode in use. Can be used for both adult and paediatric patients.

Unique features

- LED display for ventilation monitoring
- Trigger function with adjustable vacuum level
- Three ventilation modes
- Touch button
- One alarm level for low battery

Ventilation modes

CMV a mandatory inflation is initiated according to the parameters set.

TVM Inflation is initiated according to the parameters set only if triggered by the patient.

A/CV Inflation is initiated at intervals determined by the rate set, unless initiated by an earlier patient-trigger event.

Standard equipment

- Patient circuit
- Face mask
- O₂ connection tube

Optional accessories

- AC/DC adapter 100/240 VAC 50-60 Hz
- 10 G Fasteners (EV50121B, EV50120B, EV50122B)

LED display for continuous ventilation monitoring

Built-in connections for full protection bump

Easy access

to fuses and rapid substitution of the battery with a coin

Visual and acoustic alarms for ventilation monitoring and device management

10 G

118 NXT

Pneumatic ventilator

- LIGHTWEIGHT
- NO BATTERY NEEDED
- NO POWER SUPPLY NEEDED



The pneumatic operation mode allows a significant reduction of maintenance costs associated with the requirements of electrical safety regulations. It can be used in all extreme emergency situations as no electrical supply is needed. The non-constant I/E ratio makes

the management of the ventilation more versatile. The presence of one ventilation mode (controlled) makes it simple and easy to operate. Used for both adult and paediatric patients. Reduced weight thanks to the aluminium framework.

Unique features

- Totally pneumatic (operates without power supply)
- Acoustic alarm activated by pneumatic system

Standard equipment

- Patient circuit
- Face mask
- O₂ connection tube

Optional accessories

- 10 G Fasteners (EV50120B, EV50122B)

Pneumatic, visual and acoustic alarms for ventilation monitoring and device management

Colour coded manometer allows immediate visualization of the pressure

HDPE shock-absorbent **protective shell**

Special protections to avoid accidental activation of the **AIR MIX** selection lever

10 G