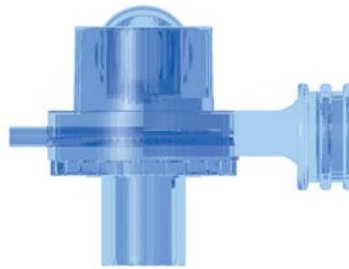


Rigorous projects and avant-garde technology

Spencer designs and produces avant-garde devices with an original approach to shape and functionality problems.

Spencer tradition is proof of its capacity to be a protagonist on the market, with innovative strategies and authentic products designed to become classics, in the realms of resuscitation and CPR.

***Idea Bags and Rucksacks***

Bags and rucksacks invented by designers of everyday items; those who every day tell us something, whispering their creation behind our brand name, not residing in the design of design, but serving it with dedication and passion. Clean and precise lines, perfect stitching and geometric shapes that underline the simplicity are the cardinal points of Spencer production. The range of models and numerous finishings ensure an answer to meet the highest of expectations.

Technological testing as well as innovation in lines transmit extreme freedom of planning, that in these years has established endless records.



Filter connector

Medication port for use with MDI or syringe

The patient valve is characterised by its low expiratory and inspiratory resistance and it doesn't block with a strong flow of oxygen or vomit

The Spencer logo along with guaranteeing high quality, also provides a good grip

Soft material that allows compression for storage

Screw on ring to avoid accidental disconnections



Co-pharma

Manual resuscitator in PVC yellow adult with valve for drugs

The ultimate evolution of the resuscitation bags. It's ready and it's cheap.

- Manometer port
- Integrated PEEP connection, no adapter necessary
- Adult, Child, and Infant sizes
- Pressure release valve standard on child and infant models, optional on adult model
- All models complete with reservoir bag and O₂ tubing
- Transparent bag with positive textured grip and sensitive response
- Folds into compact carrying size
- Latex free



The rotating connector avoids the endotracheal tube from becoming dislodged when the operator changes position

The patient valve is characterised by its very low expiratory and inspiratory resistance

Optimum perception of the lung compliance of the patient, which contributes to reduce the risk of excessive insufflations

Fixed joint connection to avoid accidental disconnections

Replaceable disposable oxygen reservoir valve

The reservoir bag allows the visual observation of oxygen administration

B-bag Double bag resuscitator

The double wall structure allows resuscitation professionals to monitor the airway pressure of the patient with the fingertips, revealing with timeliness any possible pressure peaks which are limited by the double wall. All of the connections conform to the specifications of the 15/22 ISO.

The resuscitator is light enough to be sustained and used for long periods of time without fatigue. In cases of necessity the patient valve can be connected to the resuscitator by a corrugated tube.

Available in the following versions:

- adult: for patients over 30 kg
- neonatal: for patients below 7 kg

Single packaging in cardboard box printed using a four-coloured process.

The rotating connector avoids the endotracheal tube from becoming dislodged when the operator changes position

The patient valve is characterised by having a very low expiratory and inspiratory resistance and it does not block with strong flows of oxygen or vomit

Good function even with extreme temperatures

Excellent expanding thanks to the use of silicone

The Spencer logo, in addition to guaranteeing high quality, also ensures a better firmer grasp

Perfect perception of the lung compliance

Screw on ring to avoid accidental disconnections

Connection to enrich oxygen

The oxygen reservoir valve supplies up to 97% of oxygen concentration if connected to the reservoir bag, even if flow is low



The disposable reservoir bag permits the visible control of oxygen administration

**B-life
Silicon resuscitator**

The new B-life resuscitators are made from very resistant materials, silicon and polysulphonate, that guarantee exceptional durability. The new form of the self-expanding resuscitator guarantees great flexibility, re-expansion of the resuscitator, versatility, ease of use and trustworthiness. The dead space of the valve is only 8 ml. All of the parts are completely autoclavable. The diameter of the connection ISO 15/22 mm.

All of the models are supplied with:

- transparent patient valve with swivelling connector, self-locking connection to avoid accidental disconnections, characterised by a small dead space
- On request the following can also be supplied:
 - pressure limiting valve, easy to remove
 - transparent oxygen reservoir valve, which supplies a larger oxygen concentration (up to 97%) and minor oxygen consumption
 - disposable reservoir bag for the administration of oxygen
 - face mask
 - PEEP valve

Available in the following versions:

- adult: for patients over 30 kg
- paediatric: patients between 7 and 30 kg
- neonatal: for patients under 7 kg

Single packaging in cardboard box printed using a four-coloured process.





The rotating connector avoids the endotracheal tube from becoming dislodged when the operator changes position

The patient valve is characterised by its low expiratory and inspiratory resistance and it doesn't block with a strong flow of oxygen or vomit

The Spencer logo along with guaranteeing high quality, also provides a good grip

Easy to put together and take apart for effective cleaning

Screw on ring to avoid accidental disconnections

Connection to enrich oxygen

If the disposable oxygen reservoir valve is connected to reservoir it supplies up to 97% oxygen concentration, even at a low flow

**Eco B-life
Rubber resuscitator**

The resuscitator and valve have been realised with technologically advanced moulding techniques. This allows a constant thickness of the rubber and optimum performance. The resuscitator can supply the patient with air from the atmosphere (21% oxygen) and also if connected to an oxygen enrichment system and the reservoir bag, it is able to supply a concentration up to 97%. It can be easily dismantled for cleaning or sterilising with gas or with cold solutions. The dead space of the valve is just 8 ml. The connection diameters are ISO 15/22 mm.

All of the models are supplied with:
- transparent patient valve with rotating connection.

On request they can be supplied with:
- pressure limiting valve, easy to remove
- disposable transparent oxygen reservoir valve
- disposable reservoir bag
- face mask
- PEEP valve

Available in the following versions:
- adult: for patients over 30 kg
- paediatric: for patients between 7-30 kg
- neonatal: for patients below 7 kg

Single packaging in cardboard box printed using a four-coloured process.



The rotating connector avoids the endotracheal tube from becoming dislodged when the operator changes position

The patient valve is characterised by its low expiratory and inspiratory resistance and it doesn't block with a strong flow of oxygen or vomit

The Spencer logo along with guaranteeing high quality, also provides a good grip

Soft material that allows compression for storage

Screw on ring to avoid accidental disconnections

Connection to increase oxygen flow



**Pro B-life
PVC resuscitator**

Colour of the bag: transparent opal.
The dead space of the valve is only 8 ml.
The connection diameters are ISO 15/22 mm.

All of the models are supplied with:
- transparent patient valve with rotating connection

On request they can be supplied with:
- pressure limiting valve, easy to remove
- transparent oxygen reservoir valve
- disposable reservoir bag
- face mask
- PEEP valve

Available in the following versions:
- adult: for patients over 30 kg
- paediatric: for patients between 7-30 kg

Single packaging in cardboard box printed using a four-coloured process.





**EVX 30/32
PEEP valve**

Ventilation with Positive End Expiratory Pressure can be used in many respiratory pathologies but also during rescue and transportation.

Made of transparent polycarbonate (in the autoclavable version).
The special anchorage allows to position the PEEP valve on 360 ° to improve the operator's position.
The range goes from 0 to 10 cm H₂O.
The PEEP valve complete of connection is available in the autoclavable and disposable versions.

EVX 30 autoclavable with connection
EVX 32 disposable with connection

Code EV60030C
Code EV60032C



**B-holder
Resuscitator holder**

A small device, made of polyamide, will optimize the organization of space in ambulances, emergency rooms or in intensive care areas so to always have manual resuscitators ready at hand.
It can be hung on the wall and occupies a very small space.

B-holder

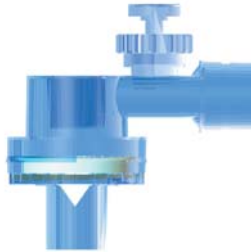
Code BG02000A

EVX 10/12/16**Non-rebreathing valve for expandable resuscitator**

Made of polycarbonate and silicone membranes in the autoclavable version and in PVC in the disposable version. The low resistance of the valve makes spontaneous breathing and exhalation during mechanic ventilation easier. Standard ISO 15/22 mm connections.

EVX 10 disposable
EVX 12 autoclavable
EVX 16 disposable

Code EV50010C
Code EV50012C
Code EV50016C

**EVX 09/11/15****Non-rebreathing valve with pressure limit for expandable resuscitator**

Different, because it has the possibility, when necessary, to activate a pressure limit calibrated to 40 cm H₂O, that can be selected or blocked on the valve. Made of polycarbonate and silicone membranes in the autoclavable version, and in PVC in the disposable one. Standard ISO 15/22 mm connections

EVX 09 disposable
EVX 11 autoclavable
EVX 15 disposable

Code EV50009C
Code EV50011C
Code EV50015C

**EVX 13****Non-rebreathing valve for patient circuit**

Designed to equip Spencer lung ventilators, it is made of autoclavable polysulphone, and is characterized by low resistance guaranteeing high performance. Standard ISO 15/22 mm connections.

EVX 13

Code EV50013C

**OX Valve/Reservoir****Aspiration valve for oxygen and tank**

The necessity of ventilating a patient with 100% oxygen and, at the same time saving on its consumption, can be done by using the oxygen aspiration valve in association with its tank. This system is essential during ventilation in a polluted atmosphere.

The valve is made of polycarbonate in the autoclavable version and PVC in the disposable one. The tank or reservoir is made of PVC.

OX Reservoir adult/paediatric
OX Reservoir infant

Code BG03091A
Code BG03092A