

# Medical

🇬🇧 Contagion-risk management solutions



# EMS

# Billy-CAB

## For the stretcher-support

### Maximum protection for operators from exposure to infectious agents during ambulance transport

Transparent and rigid biocontainment system in high resistance plastic material designed for installation on STEM stretcher-supports for use with all types of stretcher. The quick release clamps make installation and removal easy. The usual loading and unloading procedures do not change. The system is designed taking into account the procedural requirements made by professionals in the sector. In particular, Billy-CAB makes possible to transport the patient in a semi-sitting position, ideal in case of respiratory distress. The negative pressure inside the chamber is constantly monitored and maintained by a ventilation system powered by a double-slot battery for maximum autonomy. With 99,995% high efficiency HEPA filters and a continuous monitoring system of internal conditions.

### The only one with:

- **Optional sanitisation system (O3Z-Tech).**
- Cabin to transport the patient in a semi-sitting position in case of respiratory distress.
- Wide dome to reduce the sense of claustrophobia.
- Compatible with all the stretchers and their fasteners and accessories.
- 10g certification in accordance with EN 1789.
- Frequent air changes with certified HEPA filter.
- Negative pressure and internal temperature monitoring.
- Possibility to connect to the O2 system.
- Self-powered with rechargeable batteries and possibility to connect to the 230 V ambulance power source.
- Portholes with single-patient gloves with double lid (internal and external).
- App for system monitoring in real time.



 2340x783x1285 mm

 90 kg

 Li-Ion

**A** 30 A Max  
2006/42/CE  
**CE** 2014/53/UE - RED  
2014/30/UE - EMC  
 2 year warranty

 App "Stem Tool"

 EN 1789 - EN 1865-5

# Sally-CAB

For the stretcher

## Maximum protection for operators from exposure to infectious agents, during all transport phases

Rigid biocontainment system in high resistance transparent plastic material suitable for stretcher transport.

Made of a detachable airtight semi-shell with quick release clamps that allow for easy patient positioning.

One of the key features is the possibility to adjust the backrest in a semi-sitting position, ideal in case of respiratory distress.

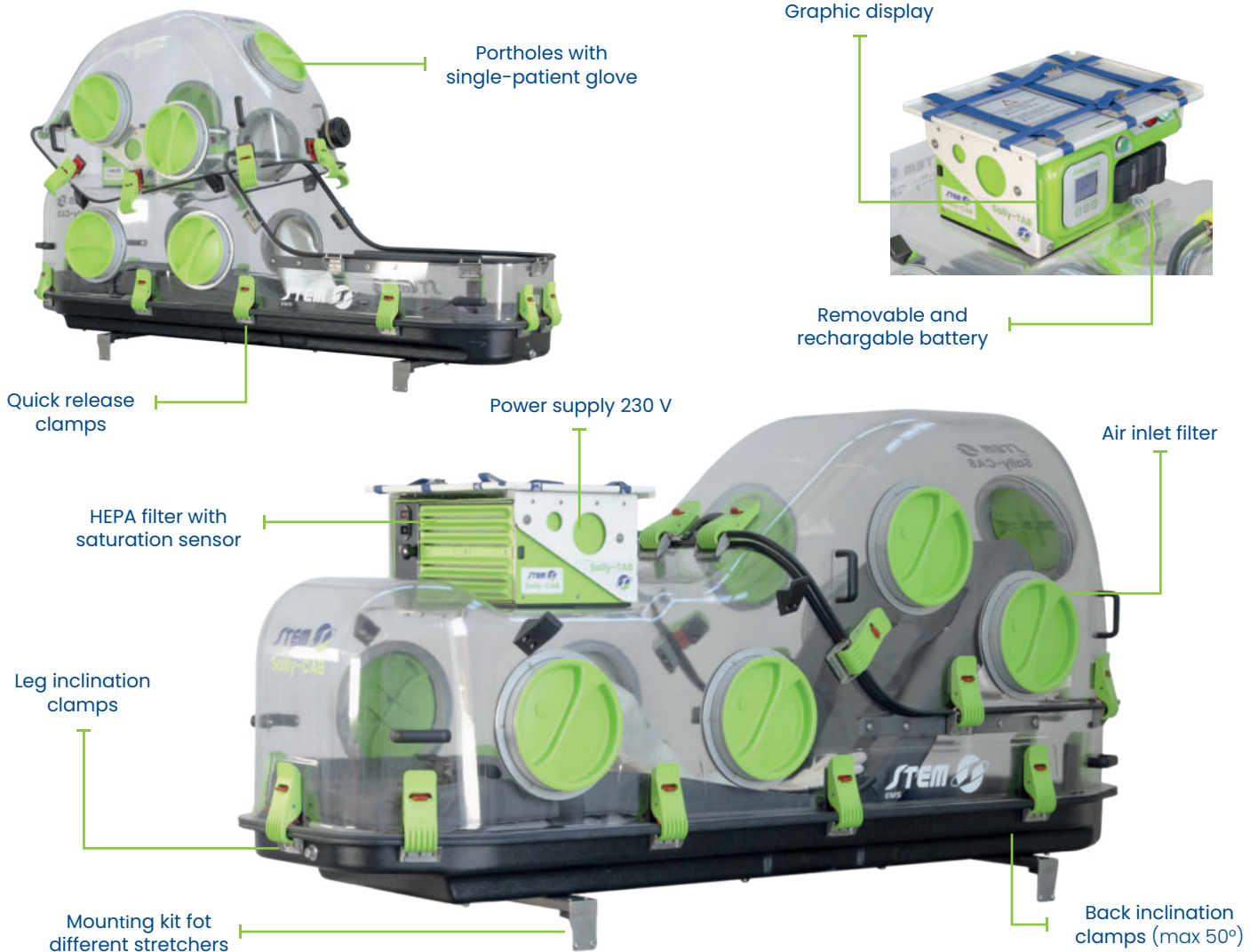
The upper part is divided into two, the head side can be removed to allow cardiopulmonary resuscitation (CPR).

Biocontainment is guaranteed by a negative-pressure chamber, constantly monitored and maintained by a battery-powered ventilation system.

The system has a large-size HEPA certified filter, able to filter 99,995% potentially damaged particles, that ensures total protection for medical operators.

## The only one with:

- **Optional sanitisation system (O3Z-Tech).**
- Cabin to transport the patient in a semi-sitting position in case of respiratory distress.
- Wide dome to reduce the sense of claustrophobia.
- Detachable semi-shell to allow cardiopulmonary resuscitation (CPR).
- Up to 400 air changes per hour with certified HEPA filter.
- Real time monitoring of the negative pressure.
- Self-powered with rechargeable battery and possibility to connect to the 230 V power source.
- Portholes with single-patient gloves with double lid (internal and external).
- Direct interaction between pressure sensors and ventilation system to maintain the pressure level.
- App for system monitoring in real time.



 1993x633x914 mm

 61 kg

 90° Inclination

 Li-Ion

 2006/42/CE  
2014/53/UE - RED  
2014/30/UE - EMC

 30 A. Max

 App "Stem Tool"

 2 year warranty

 EN 1789

# O<sub>3</sub>Z-Tech

## Sanitisation system

### Stop to bacteria, viruses and contaminants

Generating a flow of ozone from air oxygen, the O<sub>3</sub>Z-Tech allows for a quick and effective sanitisation without releasing chemical residuals and it does not require rinsing.

Particularly indicated for medical and passenger vehicles.

The ozone ensures the sanitisation of air, surfaces and objects from bacteria, viruses and other pathogens and pests.

The O<sub>3</sub>Z-Tech meets the requirements for installation and transport in medical vehicles as it is certified according to EN 1789 with dynamic crash test.

The ozone sensor and the acoustic and visual warning devices make the use of the device safe.

The O<sub>3</sub>Z-Tech does not require maintenance, disposables or any products for use, thus reducing the sanitisation costs.

## The only one with:

- 10g certification according to EN 1789.
- Treatment monitoring via integrated ozone sensor.
- Display interface, LED and cousting warning device.
- "Stem Connect" app with sanitisation report.



## Test results of the microbiotic load reduction

MICROBIAL SPECIES		25 min* fast	45 min* power
Bacteria	Staphylococcus aureus	99,9 %	99,999 %
	Pseudomonas aeruginosa	99,9 %	99,9993 %
Fungi	Candida albicans	99,99 %	99,9994 %
Spores	Bacillus subtilis	99 %	99,994 %
Mycobacteria	Mycobacterium terrae	99,4 %	99,99 %
Virus	Adenovirus type 5	99,93 %	99,999 %
	Coronavirus 299E	99,99 %	99,999 %

\* Test conducted in an 11,5m<sup>3</sup> compartment (ambulance) at a temperature of 22°C

155x250x310 mm

5,7 kg

12V DC

**A** 8 A

**CE** 2014/53/UE  
2014/30/UE

2 year warranty

App "Stem Tool"

EN 1789



ISO EN 9001  
Certified Company



Please contact our sales department for the relevant certificates.

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