

ISOLATION CHAMBER : SKÖLD POD

■ **General description:** Another new product of our **Phantom** family, our line specialized in respiratory safety. **SKÖLD Pod** it's an isolation chamber stretcher that helps to protect the people that is using it while offering better options to provide medical care.

■ **USES:** **SKÖLD Pod** is the answer to the ambulance transfer, helicopters, planes and ships for patients with suspected contagious respiratory infections. It blocks the contaminated air preventing it from escaping into the environment helping the medical and rescue staff. It's a good economic, quick and effective way to install a temporary personal isolation stretcher in health care's that lack of resources, infrastructure or logistics.



Isolation chamber:
SKÖLD POD

CHARACTERISTICS

- Lightweight and portable, it can be built in less than 2 minutes.
- Easy side access with reinforced Velcro and zippers for the patient.
- 2 pair of interchangeable gloves that are adjusted by pressure.
- Double zipper upper chamber (internal and external) helps introduce objects from the exterior without putting the medical staff or the patient in danger..
- It has two valves for inlet oxygen, medications, EKG equipment, without losing pressure.
- General measurements: 200 cm long x 51 cm wide x 57 cm high.
- One electric bomb of **negative and positive pressure** with optional lithium battery
- 4 Filters p100 for air entrance and 4 filters p100 for air vent.
- More than 15 air exchanges per an hour.
- Can be adapted for a waste bag exist.
- Fits any type of medical stretcher and can be secured with the same straps of a common stretcher of first aid services.
- Transparent walls for easy patient visualization.
- Fully washable and sterilizable
- Total weight of 4 kilograms without stretcher

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HOW DOES IT WORK?

The isolation chamber **SKÖLD Pod** Pod counts with an air pump, which creates **negative pressure** inside the compartment compared to the atmospheric pressure of the exterior.

This mechanism intakes ambient air and filters it through four P100 HEPA cartridges to ensure that all the air that goes into the chamber is free of pathogens. It also has four P100 HEPA cartridges to filter every patient exhalation that's inside the capsule, giving protection to the medical staff around the camera. When it comes to negative pressure inside the camera we avoid polluted air leaks. **To use the camera with positive pressure consult user manual.**

MATERIALS

■ **The removal cover** of the camera is made of high transparent vinyl chemical resistance.

Completely washable, autoclave and uv light resistant. With triple stitching (stitched, vulcanized, reinforced with heavy duty industrial tape)

■ **The Frame** that gives structure of the camera it is assembled in PVC and is fully collapsible so it can be easily transported inside the ambulance. Its ensemble consists of 4 pieces that fit with pressure no tools are necessary.



RECOMMENDATIONS

- Use only with authorize consumables compatibles.
- Use in conjunction with an oximetry monitor.
- Clean and sterilize after each use.
- Change filters and gloves after every use.
- Store in a cool dry place to room temperature.
- Check the operation of the pump air regularly.
- Replace protective case if detected structural damage
- Seal the entry of probes and cables with tape for pipeline

