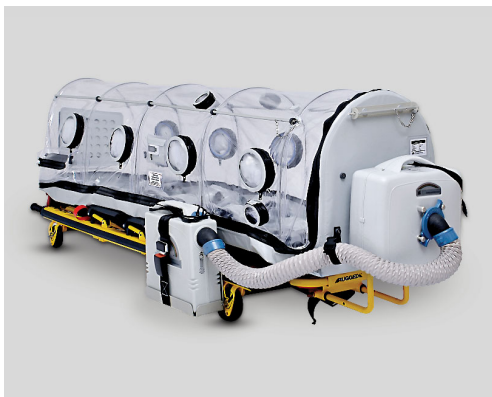


# IsoArk N 36-7/ N 36-7 ST Isolation Chamber

For temporary isolation and transportation of a person or infected item



## Overview:

The **IsoArk N 36-7** Isolation Chamber is an ideal temporary solution to rapidly isolate and transport a person or an item that is thought to be contaminated by infectious particles or diseases before moving them to an isolated area for safe treatment.

The isolation chamber is equipped with its own negative-pressure filtration system to provide maximum protection and operational safety for both the contaminated person or item and the operational team.



## The IsoArk N 36-7 is available in two versions:

1. IsoArk N 36 -7 Chamber with integrated belting system to secure patient.
2. IsoArk N 36 -7 ST Chamber with slots to allow for usage of stretcher belting system available on the stretcher trolley.

## SYSTEM FEATURES:

- Very cost effective
- Quick set-up
- Complete side and top opening for easy patient access
- Robust, lightweight structure
- Fully collapsible unit
- Minimal storage requirements
- Integrated glove portals
- Integrated utility portals
- Different types of gloves available



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**APPLICABLE STANDARDS:**

- Quality assurance according to AQAP 2110
- Quality control according to ISO 9001
- HEPA filter efficiency EN 1822 IEST-PR-CC001.3



**Description:**

The IsoArk N 36-7 Isolation Chamber is assembled and ready for use within minutes. The unit can operate on workshop or laboratory floors as a stand-alone unit, or be secured onto a flat surface such as a bed, workbench, trolley, or stretcher.

The IsoArk N 36 -7 is unique in its ability to maintain isolation in multiple patient positions and can utilize built-in stretcher belts for safe and secure patient transport. The air entering the IsoArk N 36-7 Isolation Chamber passes through the first HEPA filter, filtering the air for the patient, and then exits to the outside environment through another HEPA filter, preventing the spread of contamination. The air inlet is covered with a special partition in order to prevent contamination of the chamber.

The IsoArk N 36-7 allows the end user the flexibility to use different types of gloves. The unit has a double zipped pouch, which acts as a mini airlock and allows the safe transfer of objects in to the chamber (for example, medicine, paper-work, etc.), without the threat of spreading contamination.

The blower is equipped with a battery back-up that allows the system to be independent of an external power source for up to 10 hours (with full charge). The blower can be connected with a belt to the chamber. The chamber liner is made from a special material and strengthened by inserting aluminium poles along each side of the structure.

The IsoArk N 36 -7 has four integrated zipped glove portals on each side for internal working access while the chamber is closed, and several small zipped portals integrated into the liner, which can be used for infusions, catheter equipment, etc. When not in use, the entire system can be easily dismantled and folded for very compact storage.



Chamber base with high lip for better fluid holding



Air inlet cover allows to protect the filter



Special belt for blower connection to the chamber



Lifting handles in the base of the chamber

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Specifications:		
Product number	IsoArk N 36-7: IsoArk N 36-7 ST:	B93100 B93101
Height (H):	600	mm
Width (W):	520	mm
Length of chamber (L):	1980	mm
Total length with filter mounted:	2270	mm
Packing bag dimensions:	60 x 52 x 58 (LxWxH)	cm
Negative pressure with operational blower:	≥ 30	Pa
Airflow rate:	36 (21)	m <sup>3</sup> /h (cfm)
Nominal voltage:	230	VAC
Filtration efficiency with particle size of 0.3 μm:	> 99.9995	%
Filtration efficiency with particle size of 0.1 μm:	> 99.999	%
Power consumption:	50	VA
Battery back-up:	up to 10	hrs
Total system weight:	~ 30	kg

Specifications are subject to change without prior notice