Mobile Medical Filtration Solutions
Isolation / Pandemic Protection Systems & Mobile Surgery Centres
For use in hospitals, field camps, and safe transport in ambulances and aircraft

- Portable negative pressure isolation tents
- Pandemic protection and emergency medical transport stretchers
- Positive pressure surgery tents and clean rooms / stretchers
- Biological filtration systems with HEPA / ULPA filters
- Positive pressure industrial clean rooms

PRODUCT LINE:
- IsoArk medical isolation chamber and ICU
- IsoArk N 36 series of mobile medical isolation
- SteriTent clean rooms
- FA 2000 air filtration unit
- Medical grade HEPA / ULPA filters
- FA 300 air filtration unit
- Mobile ophthalmic operating room
- BioSafe isolation systems
**IsoArk Portable Isolation Chamber and ICU**

With 40 years of experience in the air filtration field, Beth-El's portable medical isolation and emergency preparedness solutions are highly effective within a wide range of medical circumstances.

- Rapid setup without tools within half of an hour
- Effective and self-contained environment
- Proven to filter out and confine dangerous particles, such as viruses, bacteria, and others
- Suitable for intensive care treatment within hospital ICUs
- Incorporates the highest possible operational safety for patients and medical personnel
- Protects against SARS, Avian-flu, Swine-flu, Tuberculosis, and prevents Methicillin-Resistant Staphylococcus Aureus (MRSA) and others
- Maintains a clean and sterile environment in any medical setting
- Costs less than a quarter of a permanent isolation room

The IsoArk exceeds today's standards for airborne infection isolation control, including the CDC guidelines for health care infection control, enabling the IsoArk medical isolation chamber to provide an inexpensive solution for pandemic protection.

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<th>ILLUSTRATIONS:</th>
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<td>1. The BioSafe isolation room</td>
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<td>2. The IsoArk medical isolation and ICU</td>
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<td>3. The IsoArk biological isolation chamber, adapted to fit into an ambulance</td>
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**SYSTEM FEATURES:**
- Cost effective
- Quick set-up
- Easy patient access
- Robust, lightweight structures
- Fully collapsible
- Minimal storage requirements

![IsoArk N 36 series single person transport chamber](image1)
![Biological Isolation Ambulance](image2)
![Roomy interior of the IsoArk isolation chamber](image3)

![IsoArk 'Anak' Large Scale Isolation Chamber](image4)
![IsoArk N 36 series single person transport chamber](image5)
![Biological Isolation Ambulance](image6)
![Roomy interior of the IsoArk isolation chamber](image7)
**APPLICABLE STANDARDS:**

- Quality assurance according to AQAP 2110
- Quality control according to ISO 9001
- Manufactured according to MIL – Standards • HEPA filter efficiency EN 1822

**ILLUSTRATIONS:**

1. SteriTent positive pressure clean room
2. Mobile Ophthalmic Operating Room
3. Pop Up Mobile Ophthalmic Operating Room

**SteriTent – Portable Clean Room**
- A positive pressure portable clean room
- Provides a rapid set up of a sterile and isolated environment
- Solution for handling patients with immunodeficiency, hyper allergies, or severe skin burns
- Suitable for laboratory work, surgery centres, or other sensitive procedures
- Meets class 1000 of the US FED 209E clean-room standards

**Mobile Ophthalmic Operating Room**
- Eye / cataract surgeries in field conditions and limited-recourse situations
- Light weight, easy to transport, and simple to set up
- Saves hours of patient preparation procedures
- Dramatically increases patient processing capabilities
- Maintains a sterile operating environment, without restricting access for medical personnel to the localized surgery site
- Pop Up version is set up in 10 minutes

**Transportation and Storage**

- Isolation / clean room on wheels for easy transportation
- Protected storage in stackable metal containers
- 24 complete systems fit inside one 40 foot standard container
ISOARK Overview_EN_0719_013

FA 2000 HSZ Mobile Air Filtration Unit
- A self-contained mobile filtration unit
- Equipped with a high efficiency HEPA filter and a UV radiation source
- HEPA filter traps dangerous airborne particles, aerosols, and viruses, while the radiation source destroys them, avoiding the accumulation of living microorganisms in the system
- Extremely high air exchange rate for reduction of airborne contamination in rooms and buildings
- Fast and economical solution for upgrading a standard room into a negative pressure isolation room

Biological Filtration System,
Type FA 300 HS
- For hospitals and medical centres that work with contagious diseases
- Creates a negative pressure inside the isolation chamber, preventing the spread of disease
- Draws contaminated air out of the isolation chamber and filters it through a highly efficient HEPA filter
- Irradiates the contagions with ultraviolet (UV) light and discharges clean air into the outside airspace