Beth-El Industries

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



The IsoArk

Medical Isolation & Pandemic Protection

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**

nqa. AS EN 9100 Registered

IQNet

Certified Quality Assurance Program According to **AQAP-2110**

NATO-Supplier-No. SH785





IsoArk N 36 series single person transport chamber



Biological Isolation Ambulance



Roomy interior of the IsoArk isolation chamber

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.

SYSTEM FEATURES:

- **Cost effective**
- **Quick set-up**
- **Easy patient access**
- **Robust, lightweight structures**
- **Fully collapsible**
- **Minimal storage requirements**







ILLUSTRATIONS:

1. The BioSafe isolation room
2. The IsoArk medical isolation and ICU
3. The IsoArk biological isolation chamber, adapted to fit into an ambulance



IsoArk 'Anak' Large Scale Isolation Chamber

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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

APPLICABLE STANDARDS:

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

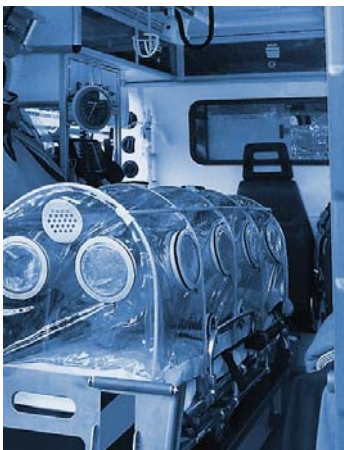
Transportation and Storage

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









ILLUSTRATIONS:

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

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IsoArk N 36 Series

Safe Transport of Infected / Depressed Immunity Patients



IsoArk N 36-2



IsoArk N 36-4



IsoArk N 36-6

- No contamination of airplane or ambulance
- Operational within minutes
- Can be attached to any stretcher type
- High airflow — no heat stress
- Easy patient care from outside the chamber
- Easy to clean
- Compact storage
- Also available as overpressure system for patients with depressed immunity

APPLICATIONS FOR:

- **First responder units**
- **Fire brigades**
- **Air ambulance services**
- **Disaster organizations**

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



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