

Stretcher Systems

Lifting Chairs

Transport-Incubators

Mobile Intensive Care Systems

Emergency Medicine Products

Early Defibrillation

Rescue Products

Rollboards

Simulation Devices

Contract Development

Emergency Management

Medical Trainings

Transport System for Patients with Infectious Diseases **IsoArk**



Transport System für Infectious Diseases **IsoArk** Innovative Technology for Safe Contamination Protection in all Transport Situations inside and outside the Clinic

Effizient Solutions for the Mobile Emergency Medicine



+ fast and simple setup

- ▶ ready for use within a few minutes
- ▶ safe fastening via stretcher`s patient restraint System according to EN1789
- ▶ with additional belt pads for protection against contamination (pure/impure)

+ simple hygienic reconditioning

- ▶ optimized surfaces allow very simple cleaning and disinfection
- ▶ quick exchange disposables like filters and gloves for treatment from outside

+ adjustable lying surface

- ▶ change of position of upper body
- ▶ abdominal relieving position
- ▶ emergency shock position

+ reliable technology tried and tested by military

- ▶ highly efficient negative/positive pressuer filter system with HEPA particle filter and a capacity of 36 cubic meters per hour (performance 99,9995%) according to risk group 4 - BioStoffV
- ▶ up to 8 hours off-grid operation thanks to integrated accumulator

+ trouble-free patient care

- ▶ symmetric arranged openings for treatment from outside with airtight protective gloves
- ▶ variably placeable magnet holders for arrangement of cables and tubes inside chamber
- ▶ integrated lock for protected introduction of materials into the chamber
- ▶ lead-ins for tubes, conduction cables, infusions and more

+ flexible use

- ▶ usable on almost all clinical and EMS transport systems
- ▶ usable in ambulances, e.g. on Stryker M1 stretcher
- ▶ suitable for air transport (special versions with differently arranged filters etc.)
- ▶ cot available in two designs: either with belt lead-ins for existing patient restraint systems or with own restraint system, integrated in the floor of chamber

Areas of Use:

Usable as negative pressure chamber for the protection of staff and environment from contamination or as positive pressure chamber for the protection of patients with low immunity from pathogens from outside. The efficient negative/positive pressure filter circuit and the constant pressure of -6 Pa or +6 Pa allow maximum safety for staff, environment and patient.

Standard Equipment:

Protective chamber against infectious diseases, HEPA filter system AF36 (according to EN1822), ventilator with 230V adaptor and accumulator, air inlet vent HEPA filter, frame, adaptor hose, storage bags, basic equipment with consumables, CE as medical product, manual.

Technical Data:

H/B/L ca. 600 mm/520 mm/1.980 mm (special sizes possible) - Weight: app. 25 Kg incl. filter/pump