

SYSTEM OF BIOLOGICAL PROTECTION

BIO-BAG EBV-30

The Bio-Bag EBV-30 with a vacuum fixation mattress is a mobile device enabling safe transport of individuals suspected of highly virulent infection or individuals touched by microbiological agents, from contaminated place to a stationary plant designated to treat such individuals. It is possible to use the Bio-Bag to transport patients with hypo-immunity in order to protect them from an „impure“ environment.

- manufacturing technology using high-frequency welding with hermetic zip prevents infection transmission to medical staff and into surrounding
- the Bio-Bag has its own construction with inner positive pressure
- attached filtration-ventilation unit provides sufficient amount of filtered air (120 dm³/min)
- filtration-ventilation unit is equipped with visual and acoustic signal
- accumulator guarantees up to 8 hours of operating time
- quality of filtered air is ensured by appropriate filters, placed both on inlet and outlet of the Bio-Bag
- integrated gloves for basic medical treatment
- ports for infusion, monitors or breathing masks connection
- large through views for supervision of patient's condition
- combination of vacuum mattress and strap belts with adjustable length enables stabilization of patient during transportation



The construction of Bio-Bag enables immediate usage safe transportation and protection of environment.

The product is certified by accredited testing centre TÜV CZ. It is classified in the category of class 1 medical supplies, its assigned NSN code is 160041604. It was also clinically tested in the Teaching Hospital Na Bulovce in Prague, the Central Military Hospital in Prague, the Central Military Medical Institution in Prague and in „JEP“ Military Medical Academy in Hradec Králové. It was evaluated by Ambulance Services of the Ústecký and Liberecký region, CZ and in the Utilitary Epidemic Institute in Ha Noi, Vietnam.



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