

# SYSTEM OF BIOLOGICAL PROTECTION

## BIO-BAG ON TRANSPORTATION CART EBVT-30

The Bio-Bag on a transportation cart EBVT-30 is a mobile device enabling secondary transport of individuals suspected of highly dangerous infection or individuals touched by microbiological agents within a stationary plant designated to treat such individuals and protects the surroundings from infection transmission. It is anchored to a cart in order to simplify transportation. The Bio-Bag EBVT-30 can be even used for transportation of patients with hypo-immunity in order to protect them from an "impure" environment.

- produced by a manufacturing technology using high-frequency welding
- large through views for supervision of patient's condition
- integrated gloves for basic medical treatment
- perfect fixation system during transportation
- perfect fixation system of the Bio-Bag to the transportation cart
- transportation cart dimensions are optimized in order to fit hospital lifts and rooms and easy handling is ensured
- breathing support incoming port is optimized in order to connect all standard medical connectors
- ports for infusions, drains, cardiograph electrodes
- the bag dimensions do not constrain patients
- attached filtration-ventilation unit provides sufficient amount of filtered air, so that patient's blood CO<sub>2</sub> concentration is not above the limit
- availability of switching negative and positive pressure modes
- quality of filtered air is ensured by appropriate filters, placed both on inlet and outlet of the suit, all the viruses, bacteria and aerosols, or chemicals are captured and destroyed
- minimum operating time of filtration-ventilation unit is 4 hours
- can be decontaminated and reused
- rapid set-up into operation
- simple maintenance



The Bio-Bag on a transportation cart offers BSL-3 standard of protection.



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