

Glove box

Flexible glove boxes enable a safe handling of problematic substances. They are mobile deployable and designed especially for temporary installation on a work table or on a mobile frame on site. Thanks to the hermetically sealed construction, the boxes offer emission-free containment at all times. To generate a negative pressure or to fill with an inert gas, they can be connected to appropriate facilities.

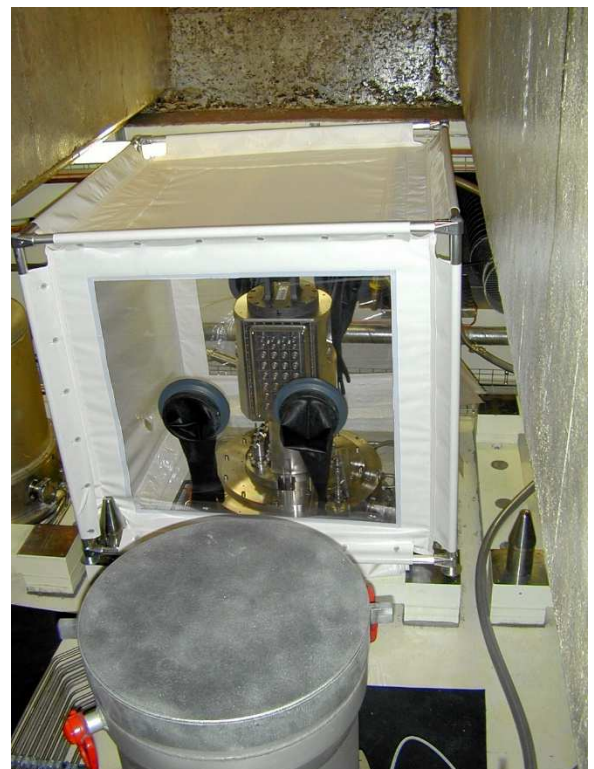
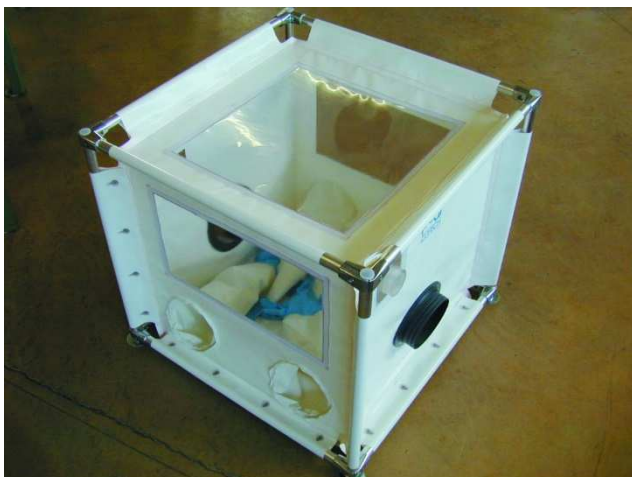
- Dimensions according to requirements, typical inside dimensions 800 x 800 x 800 mm.
- Material: highly tear-resistant polyester fabric, PVC-coated on both sides, thickness 0.5 mm, flame retardant according to DIN 4102: B1, approved for alpha-tight encasements and for protection against infectious agents, smooth foil side inside (cleaning).
- Windows made of clear PVC, thickness 1 mm.
- Framework: Pipes and connectors made of polished Aluminium, screw able
- Max. positive or negative pressure: + / - 50 Pa.
- Encasements can be delivered individually.
- Large selection of components for individual design of the glove boxes.



Standards for material of encasements:

EN 1073-1: Protection against particulate radioactive contamination

EN 14126: Protection against infective agents





The glove boxes can be individually designed both in size and in the equipment:

- Double-lid lock (diameter 200 mm x 300 mm), can be ventilated and vented
- Glove ports for fitting any kind of gloves
- Outlet ports (e.g. various diameters), for fitting with outlet bags
- Double-sided HEPA14 filter, with connection for venting
- Pressure monitoring
- Feedthroughs for electrical power or for sampling, etc.

When replacing the foil of the encasement (shell), the larger components (e.g., lock, ports) can be reused

(Example: case: W x D x H = 800 x 940/800 x 800 mm)



Equipment and accessories

For further information see product info: 06499 (search term on website).