



PORTABLE GLOVE BOX



The glove box is intended to protect the operator and the environment from contamination during work with pathogenic biological agents.

The glove box is a mobile folding device designed to organize separate working places in the field. The cabinet is packed and transported in a dust and water tight bag with a zipper.

The glove box is produced by high frequency welding (HFW) method with additional joint sealing where bands are boned under high temperature.

Dimensions of the assembled (working) glove box: 1600x600x600 mm

Dimensions of the working chamber: 800x600x600 mm

Dimensions of the pass sluice: 350x600x600 mm

Dimensions of the glove box when folded: 840x620x370 mm

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LAMSYSTEMS 

X-BIO

ISOLATING SYSTEMS



1 CONTROL SYSTEM

The glove box is equipped with a control system that ensures automatic negative pressure control, indication and display of the alarm messages as well as pressure level.

2 EMERGENCY ALARM

Visible and audible emergency alarm alerts the operator about disturbances of the cabinet operating mode with an indicator (flashing red) and an audible signal.

3 UV UNIT AND LED LIGHTING

An ultraviolet (UV) irradiation unit is intended for disinfection of the air and inner surfaces of the cabinet after work. The working area is illuminated by LEDs. The control of the UV unit and lighting is carried out using an external remote control.

4 PASS SLUICE

The glove box is equipped with a pass sluice with two leak-tight zippers for transferring of individual items in and out.

5 FILTERS

Supply and exhaust air passes a two-stage filtration by the specially designed H14 HEPA filters with a threaded connection. The filters are designed for protection from solid or liquid, radioactive or highly toxic particles, aerosols, bacteria and viruses.

6 CHAMBER GLOVES

The glove box is supplied with chamber gloves with sleeves made of transparent polymeric material ensuring safety of the manipulations in the working area.

7 SET OF SOCKETS

The glove box is equipped with a set of sockets that can be connected to a stationary 220V power supply network.

8 RIGID BASE

is necessary to create a flat and solid working surface.

9 ATTACHMENT SYSTEM

The glove box is equipped with a reliable system for attaching the product at the installation site using safety belts.