



PORTABLE GLOVE ISOLATOR



The isolator is designed to protect the operator, the environment from aerosols arising during working with harmful and / or hazardous substances and reagents of various origins.

The isolator is a mobile folding device designed to organize separate working places. The isolator is packed and transported in a dust and water tight bag with a zipper.

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

Dimensions of the assembled (working) isolator: 1500x660x610 mm
Dimensions of the isolator in the transportation bag: 800x600x320 mm

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The manufacturer reserves the right to change the technical characteristics and design in the process of further improvement of the product.

LAMSYSTEMS

X-BIO

ISOLATING SYSTEMS



1 CONTROL SYSTEM

The isolator is equipped with a control system that ensures automatic negative pressure control, indication and display of the alarm messages as well as pressure level and battery charge information. Indication of the temperature and humidity in the working area of the glovebox is also possible.

2 EMERGENCY ALARM

Visible and audible emergency alarm alerts the operator about disturbances of the isolator 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 isolator 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. UV unit operates from power supply 220 V.

4 PASS SLUICE

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

5 FILTERS

The supply and exhaust air passes a two-stage filtration by the specially designed H14 HEPA filters with a threaded connection. The thread size is Rd 40*4mm. The filters are designed for protection from solid or liquid, radioactive or highly toxic particles, aerosols, bacteria and viruses.

6 CHAMBER GLOVES

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

8 INFLATABLE RIGID BASE

The inflatable rigid base is made of a two-layer reinforced synthetic fabric, interconnected with nylon threads.

9 ATTACHMENT SYSTEM

The isolator is supplied with a reliable system for attaching the glovebox on installation site using a safety belt.