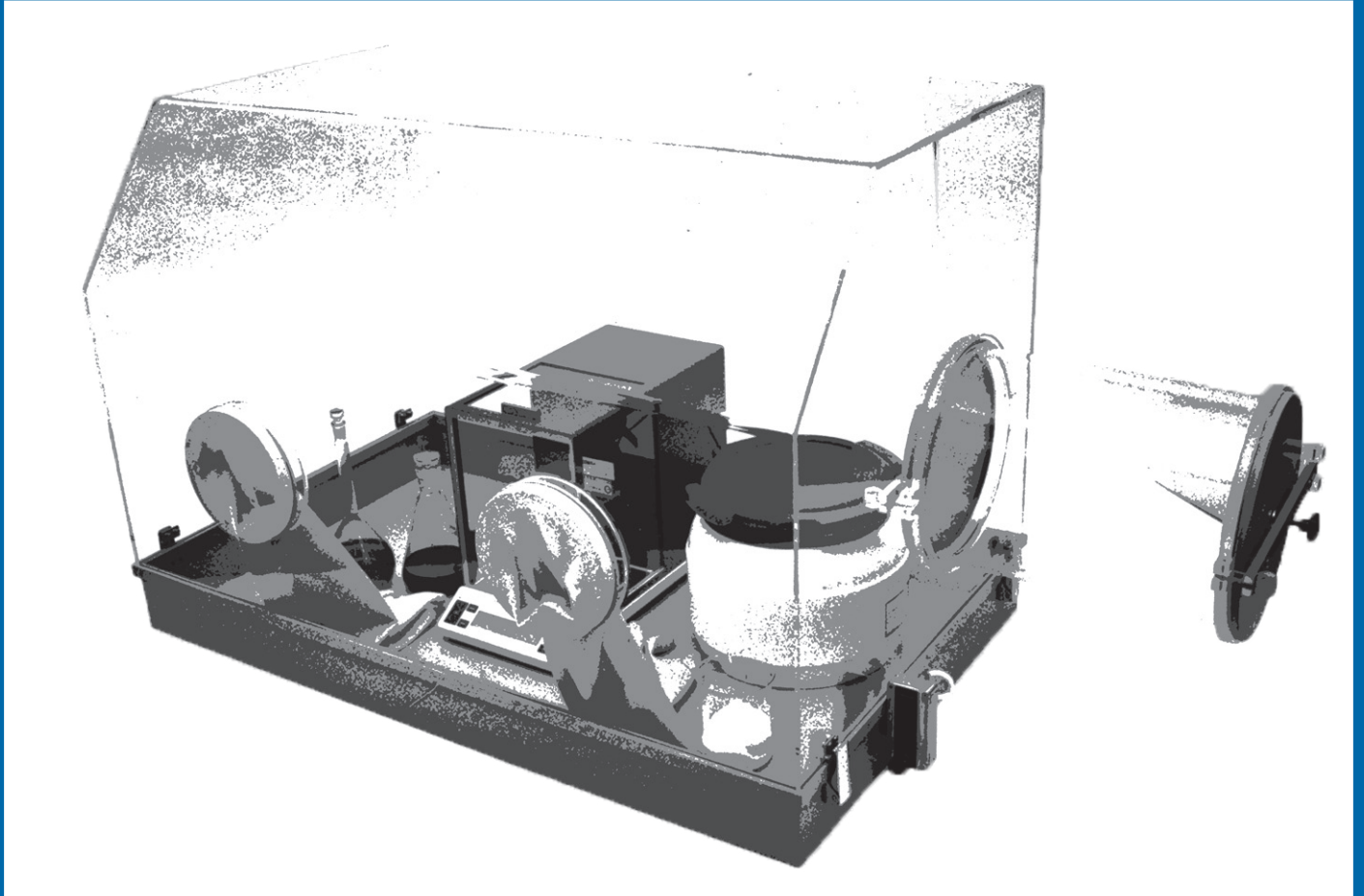


EXPERTS IN ANALYSIS



**glove**BOX

Simple Work to the Exclusion of Air  
- for your Lab

[www.ECH.de](http://www.ECH.de)

# gloveBOX



## Description

The **glove**BOX is developed for easy and functional working under hermetically sealed conditions. The glove box affords the sample preparation e.g. without oxygen influence or under defined humidity.

The chamber is made of clear acrylic glass only that assures a clear view at the working area. The bottom is trough-shaped and consists of PVC. In front of the glove box, two 180 mm round arm ports come equipped with flanges for easy changing of various gloves (Butyl, Neoprene, Latex).

The comfortable wide airlock is mounted at the side site.

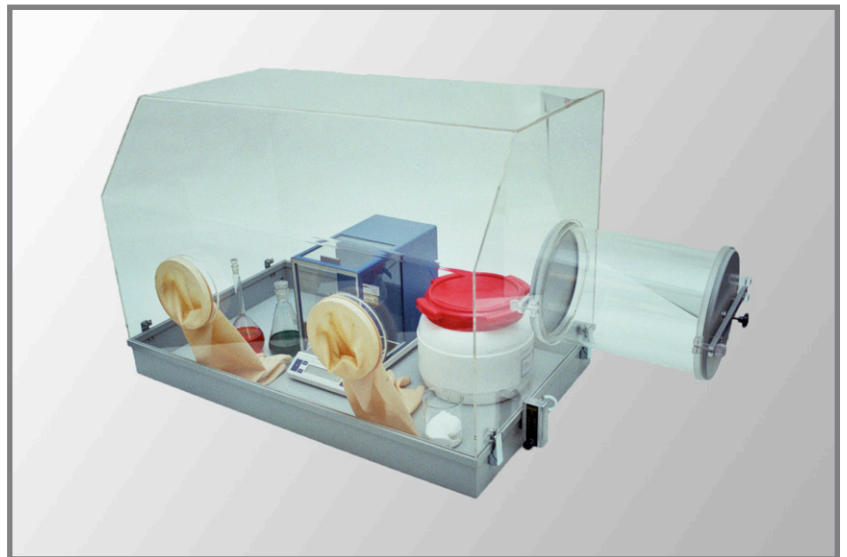
Two ports are mounted for gas inlet and gas outlet. The gas supply works with a gas-distribution-board to prevent turbulences and achieve a precise weighing procedure.

An additional sealable port is mounted for electrical wiring, e.g. for installing a balance within the glove box. In case of a balance-installation the bottom is reinforced with a stainless steel plate.

The diameter and number of the flanges for the gloves can be arranged depending on customers requests.

## Applications

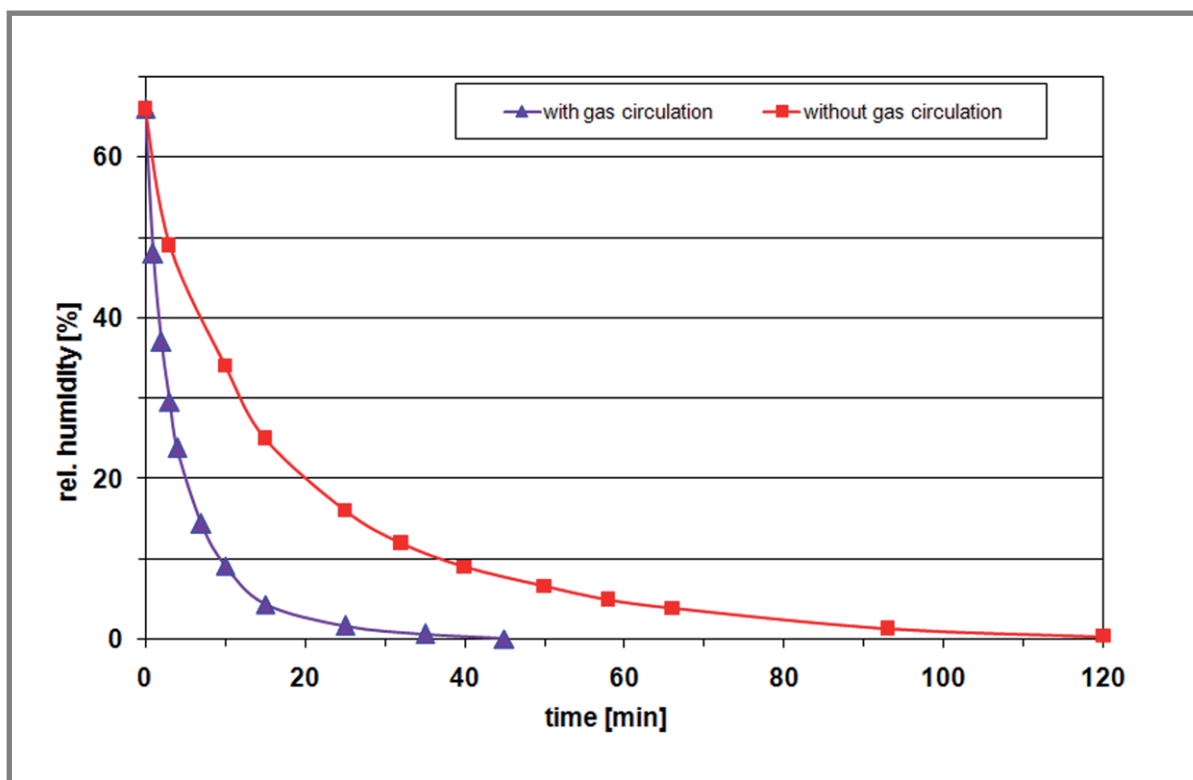
- Analytical laboratory
- Pharmacy
- Chemical industry
- Quality management
- Customer specific solutions



Glovebox for sample preparation

## Principle

- The chamber is made of 6mm clear acrylic glass and the bottom is trough-shaped (PVC)
- Hermetic sealed room for working without oxygen or with defined humidity
- 2 ports for gas inlet and outlet for working under defined atmosphere
- Glove-ports with flanges for simple connection and exchange on demand: 180mm diameter
- Extra large sample lock: sealed door openings of 250 mm; length of airlock 320 mm
- An additional sealable port is mounted for electrical wiring.
- Gas-distribution-board for safety weighing in the **gloveBOX**



drying of atmosphere inside with and without circulation

## Advantages

- Clear view at the working area, no framework
- Chemical-resistant bottom
- 2 junctions for gas inlet and outlet for working in defined atmosphere
- Simple to attach the gloves and exchange on demand
- Extra large sample lock
- Adaptation to the working with a balance in the gloveBox
- Construction to customers requirements
- Economically priced, robust construction

## Specifications

|   |   |
|---|---|
| Pressure limits:                        | ± 10 mbar   |
| Working temperature:                    | 10 – 40 °C  |
| Outer dimensions (without sample lock): | 700 x 500 x 720 mm (L x D x H) or customer specific |
| Dimensions sample lock:                 | 320 x 250 mm (length x diameter)                    |
| Weight:                                 | approx. 20 kg                                       |

We are here for you



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