



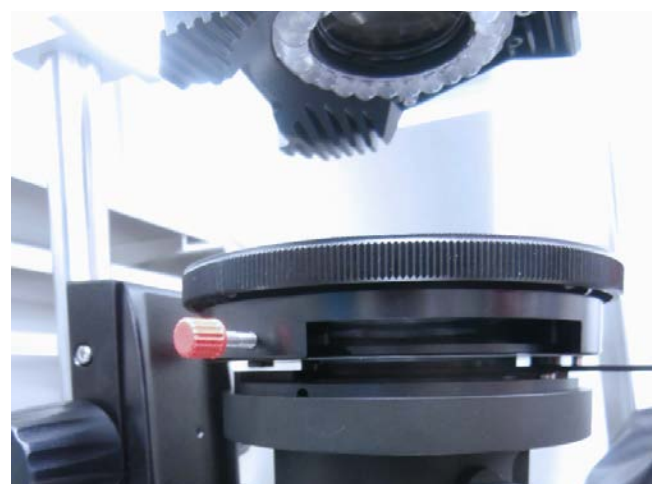
**SPECIFIC FEATURES
FOR CHEMISTRY**

MB-MSK-S9E Stereo MICROSCOPE



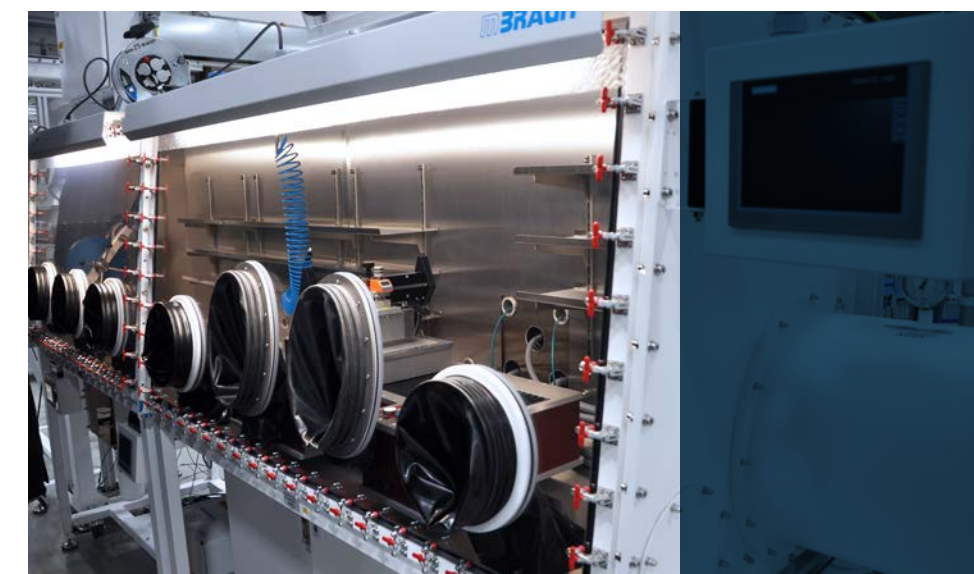
Complete Stereo microscope for the integration in MBRAUN gloveboxes / windows.

- Eyepiece 10x/23
- Zoom 9:1 with 6.1x-55x magnification range
- Object field diameter 37,7 mm
- Illumination, LEDs, 80 Lumen, Color temperature 5.600 K
- Working distance 122 mm
- Interpupillary distance 50-76 mm



MB-QC WINDOW FRAME

Window frame with QC-quick connectors (quick release).



UNDER GLOVEBOX BOTTOM BOTTLE STORAGE



The rotary shelf can accommodate max. 7 bottles (d = 120 mm, h = 250 mm), which are secured by guides from falling over.
Bottle access via an opening in the glovebox bottom, covered by a lid (d = 180 mm).
The tub is equipped with a solvent vapor extraction system to avoid cross-contamination.
Please note: Max. 15 L in unbreakable bottles.

MB GS-35 DIN & MB GS-40 DIN-PLC FREEZERS

GS-35 DIN

Deep freezer as installation in the side or rear wall of the glovebox.

Technical data:

Temperature: +10°C ... -35°C

Volume: 18 litres

The temperature of the deep freezer is regulated by the gas purification PLC. Operation on the panel of the gas purification system.

Note: Three shelves inside are included.



MB GS-40 DIN -PLC

Freezer as installation in the side wall of the glovebox.

Technical data:

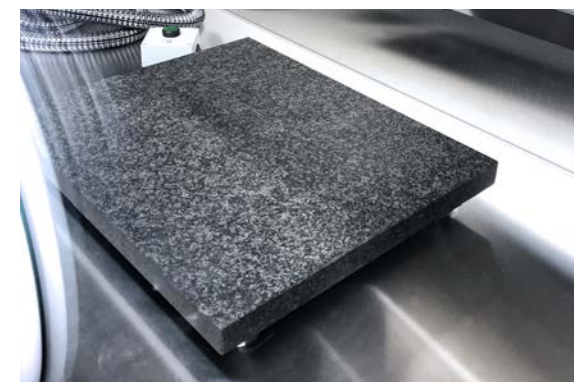
Temperature: +10°C ... -40°C

Volume: 27 liters

The cooling unit with temperature control and the display with temperature settings is located on the frame below the glovebox. Additional temperature display in the control panel of the gas purification system.



ANTI-VIBRATION



Anti-vibration plate with rubber feet - Bench Top

Function:

Hard rock tabletop for installation of vibration sensitive systems, e.g. weighing systems.

Vibration damping due to high mass and feet made of rubber elements. Freestanding on the floor.

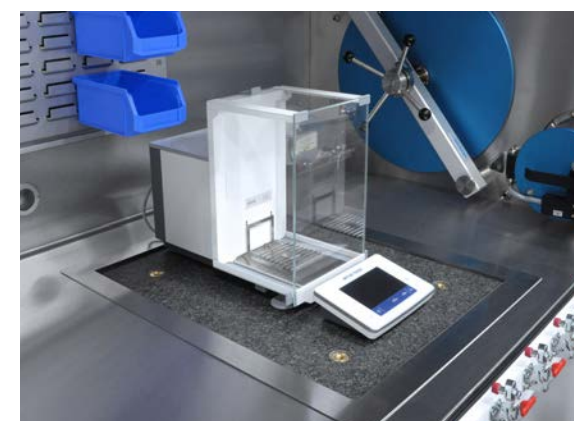


Anti-vibration plate with air suspension - Bench Top

Function:

Hard rock tabletop to carry vibration sensitive equipment, e.g. Scales.

Vibration damping due to high mass and due to adjustable air suspension (4 air springs filled with nitrogen gas). Freestanding on the floor.



Upgrade to Anti vibration table with air suspension - integration into the box floor

Function:

Only in conjunction with the weighing table plate with air suspension (1500993). The weighing table is leveled with the glovebox floor.



Metallic bellows - Vibration isolation

In the piping at the gas inlet and gas outlet a metal bellow (DN 40KF - L60 mm) is mounted. This reduces the transfer of the resulting vibrations in the gas purifier to the glovebox.

MB-COLD WELL INCL. DEWAR COLD WELL

- Diameter inner cylinder: 150 mm
- Height inner cylinder: 180 mm
- Incl. holding clamps for dewar
- Incl. internal cover



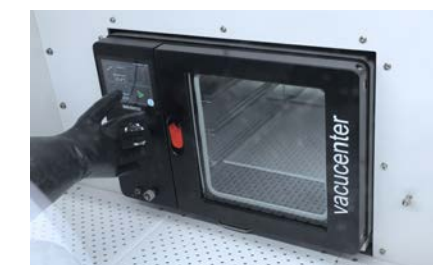
MB-HPL-150-ECO HOT PLATES

The MB-HPL-150-ECO is designed to cure organic layers after being deposited onto a rigid substrate. Thanks to a compact design, it can be easily operated in a glovebox under inert conditions. With its temperature accuracy, MB-HPL-150-ECO will give the users the capability to develop, to test and to improve new processes. With a temperature range from 25°C up to 300°C all commonly available organic materials are cured successfully.



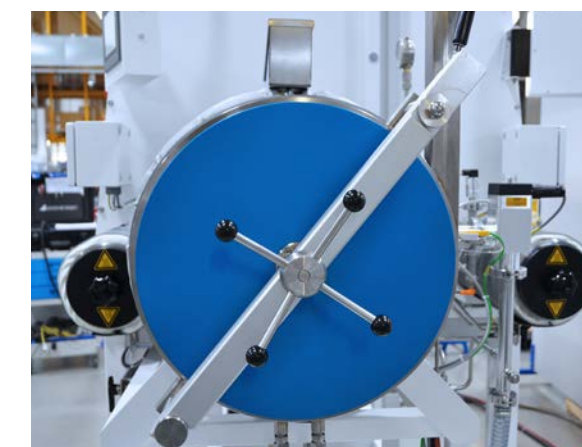
OVENS VACUUM OVENS

- Available in different sizes:
 - 20l usable volume, inside dimension (WxHxD): 250 x 250 x 320mm
 - 50l usable volume, inside dimension (WxHxD): 350 x 350 x 420mm
- Max. temperature: 200°C
- Temperature fluctuation at 150°C: $\pm 0.2^\circ\text{C}$
- RS232/RS422 interface: Optional



ANTECHAMBER OVENS

- Heated vacuum antechamber up to 600°C
- Heated Mini antechamber up to 150°C
- Drying or thermal treatment



DIFFERENT STORAGE
OPTIONS



SHELVES AND CABINETS

Shelves and cabinets are recommended because they provide a secure storage space, help to organize the workspace, protect sensitive materials and equipment from contaminants, and enhance safety by reducing the risk of spills and cross-contamination. These features ensure that everything needed for the experiment is easily accessible and that the workspace is safe, organized, and controlled.



SOLVENT PURIFIER SYSTEMS SPS INTEGRATION



Our complete solvent purification systems can be directly connected to a MBRAUN glovebox or used as a standalone unit.

- Purifies up to 7 solvents per system
- CE certified safety storage cabinet for flammable liquids
- Purifies up to 800 liters with one loading of the filter columns



WASH IN PLACE WIP DRAIN SOLUTIONS



Function: In case of spillages inside the glovebox it facilitates the cleaning process. Available with gas gun for liquids or for gases.



STANDARD & CUSTOMIZED FEEDTHROUGHS

We offer a wide range of standard feedthroughs and flanges for gas and liquid media as well as for signals. Moreover we also offer moulding and sealing of cables in special jackets for the mounting to DN 40 flanges. This way we provide customized feedthroughs for your glovebox system.





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