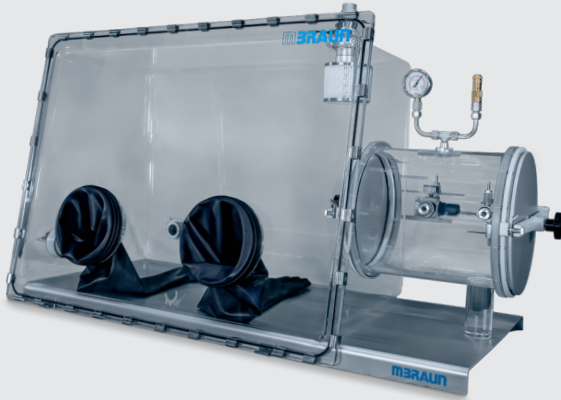


ACRYL GLOVEBOX

Final configuration may differ from picture




PRODUCT INFO

- Cost-Effective Entry Solution**
 Affordable purge box system designed for inert atmosphere
- Excellent Visibility & Durability**
 Thick, transparent acrylic shell ensures clear view and reliable barrier against ambient air
- Flexible Feedthroughs**
 Two standard DN40KF ports allow easy integration of small devices and connections such as power, USB or HDMI
- Chemical-Resistant Handling**
 Equipped with neoprene gloves offering strong resistance to abrasion and chemicals
- Stable and Flexible Installation**
 Integrated standing platform keeps the box perfectly level, allowing easy relocation between different workstations

GENERAL SPECIFICATIONS

Glovebox	Single piece molded housing
Window	Removable (mounted with clamps) acrylic glass
Inner dimensions	950 × 540/420 × 650 mm (W x D (base/ceiling) x H)
Particle filter	HEPA H13 in/out
Gloveports	2 ports with ø 190 mm, PMMA, O-ring sealed
Gloves	Neoprene 0,6 mm thick
Working pressure range	From -2,5 to +2,5 mbar
Working gas	Air, Nitrogen, Argon or Helium

BENEFITS

-  Affordable entry-level model
-  Easy installation by customer
-  Chemical resistant neoprene gloves

WITH GAS-TIGHT DOOR (RIGHT SIDE)

Outer dimensions	1140 × 620 × 850 mm (W x D x H)
Weight	30 kg
Gas inlet	Ball valve G 1/4" with 1 hose connection
Gas outlet	Butterfly valve DN40 KF
Door	Aluminum, 290 mm, horizontal opening



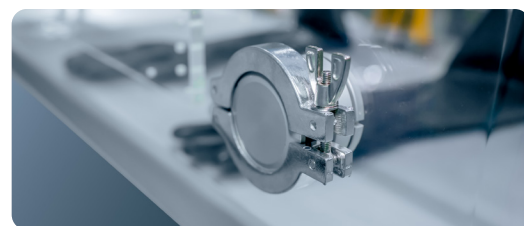
WITH UNIVERSAL ANTECHAMBER (RIGHT SIDE)

Outer dimensions	1500 × 620 × 850 mm (W x D x H)
Weight	40 kg
Gas inlet	Ball valve G 1/4" with 1 hose connection
Gas outlet	Butterfly valve DN40 KF
Antechamber operation	Vacuum and purge operation (Vacuum pump optional)
Antechamber doors	Aluminum, 290 mm, horizontal opening
Antechamber size	350 × 290 mm (W x D)
Antechamber features	Ball valve G 1/4", vacuum gauge



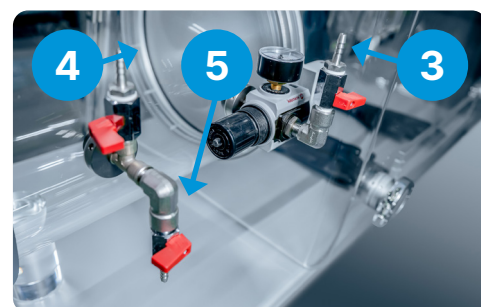
AVAILABLE OPTIONS

Item number	Description
1510827	Membrane vacuum pump*
1510140	Stainless steel floor trough
1510310	Multi-socket power strip
1515212	Gloveport cover
1510321	Lighting



UTILITIES

1	Gas inlet (left side)	Outer diameter of pin 6 mm
2	Gas outlet (top)	Butterfly valve KF40, connected to an extraction system by the customer
3	Antechamber gas inlet*	Gas inlet (refill after vacuum or purge gas inlet), outer diameter of pin 6 mm
4	Antechamber outlet*	Gas outlet (gas purge outlet), outer diameter of pin 6 mm, connected to an extraction system by the customer
5	Antechamber vacuum*	Connection to the vacuum pump, outer diameter of pin 6 mm
	Pressure regulator	Provided by the customer: 0.5 to 1 bar, connection g 3/8"
	Working gas	Provided by the customer: Nitrogen or Argon (purity depends on the application)



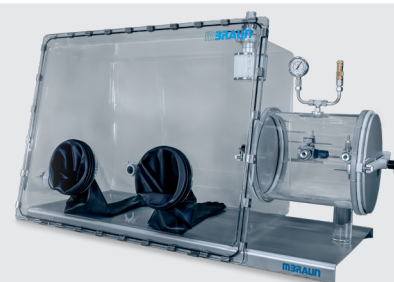
* only for configuration with universal antechamber



AVAILABLE ON THE ONLINE SHOP

The acrylic box is available as a preconfigured model in the MBRAUN Online Shop. All options listed in the table above can also be selected online, helping to reduce waiting times and simplify the ordering process.

<https://shop.mbraun.de/ENU/29939/Neuanlagen.html>



Configuration may vary by region.