



Technical resources

Stainless steel vacuum glove box

Model: GBV

<https://www.tencanballmills.com/en/products/glove-box/stainless-steel-vacuum-glove-box.html>

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Stainless steel vacuum glove box

Model: GBV

Stainless steel vacuum glove box for high-purity inert gas environments. Circulates and filters active substances, ideal for lab research, battery assembly, and material handling.

Technical specifications

Chamber working pressure	0~0.1MPa
Glove ports	φ150~196
Dimensions L × W × H	1030*570*530mm

These specifications describe the series. Confirm the selected model, power supply and configuration before ordering.



Technical parameters

Vacuum stainless steel glove box model

Glove box number description

GBV Product code (Vacuum Glove Box)

1 Available in Type 1, Type 2, and Type 3

Part nameProduct model	GBV-1	GBV-2	GBV-3
AppearanceLxWxH(MM)	1030*570*530	1295*715*675	1755*776*1010
Cabinet L1xW1xH1(MM)	600*500*500	800*650*650	1200*700*950
Clear space inside the box	460*345(top) 490 (lower) x490	660*460(top) 640 (lower) x640	660*460(top) 640 (lower) x640
Transition warehouse (MM)	φ200*280	φ273*350	φ350*400
Left door opening size (optional)	330*260	360*480	400*600
Transition compartment drawer (optional)	126*250	202*320	282*350
Tool bin (optional)	none	none	φ150*300
Glove hole (MM)	f150	f150	f196
Box working pressure range	0~0.1MPa, pressure holding time 12 hours		

Special customization



Material



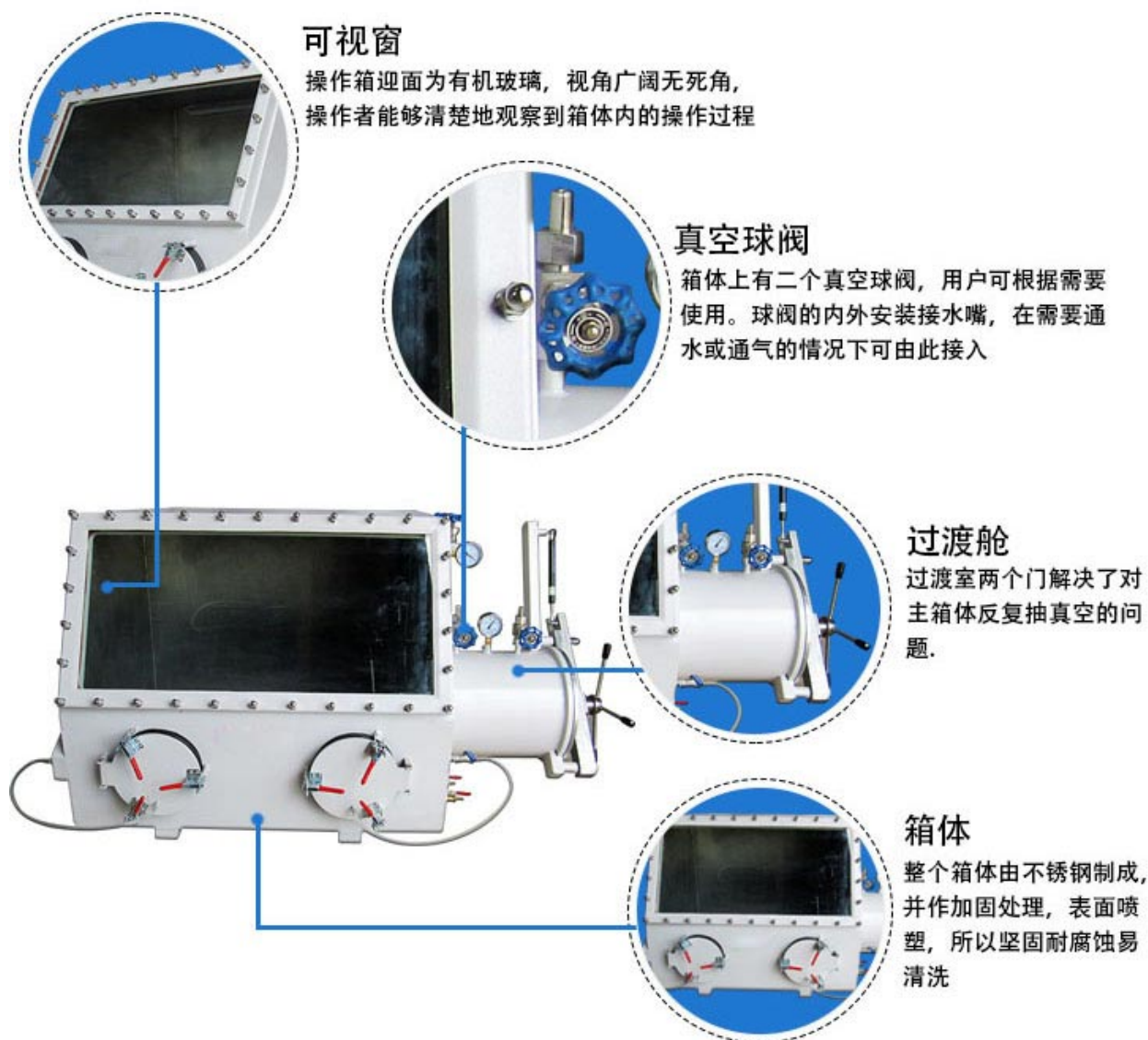
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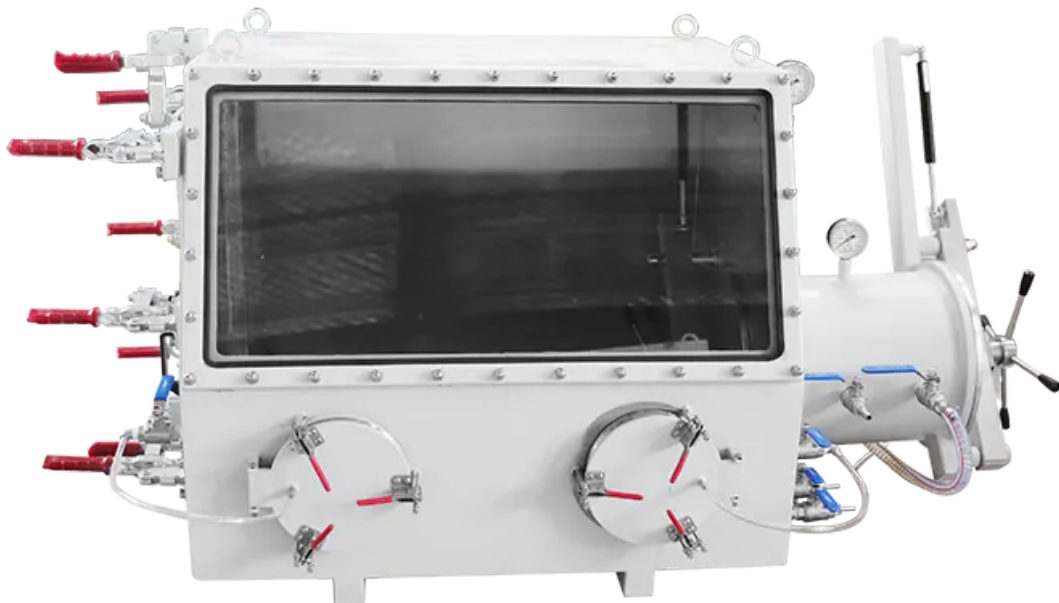


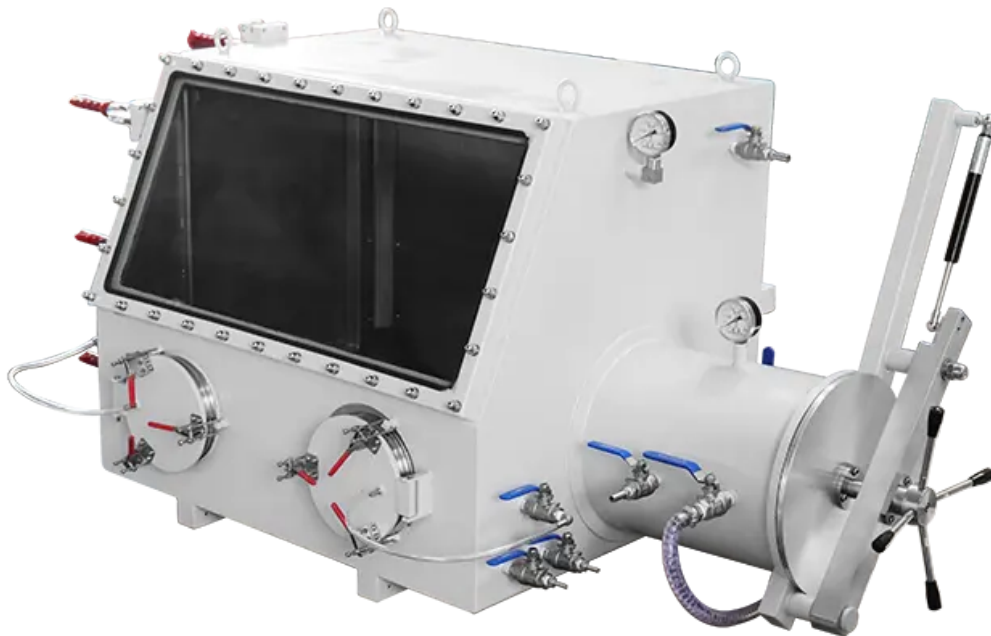
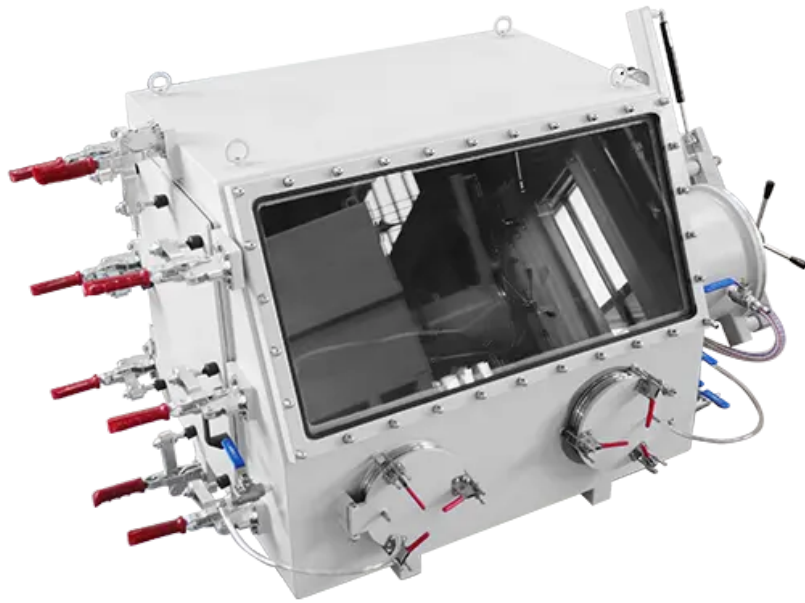
shape



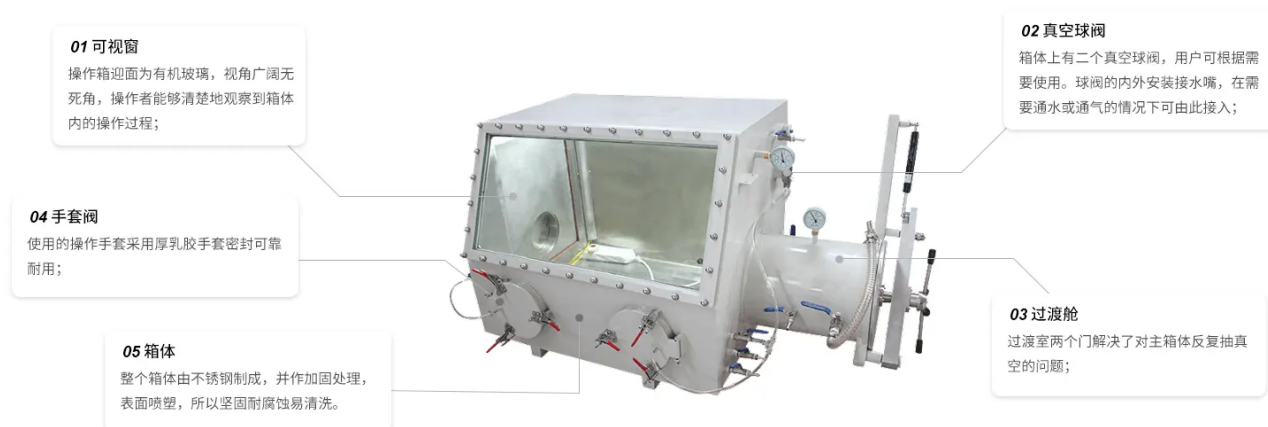
Other customization requirements







The vacuum glove box is mainly composed of the main box and the base. If the user has other special requirements, it can also be designed or modified as needed.; There are two to three glove operation interfaces on the box. The operation box is faced with plexiglass and has a wide viewing angle. The operator can clearly observe the operation process inside the box, making the operation process more intuitively displayed in front of the operator's eyes. There are two vacuum ball valves on the box, which can be used by users as needed. Water nozzles are installed inside and outside the ball valve, which can be accessed when water or ventilation is needed. The box is equipped with lighting bulbs and multi-hole sockets.



- 01** The entire box is made of stainless steel, reinforced and sprayed with plastic on the surface, so it is strong, corrosion-resistant and easy to clean.;
- 02** The operation box is faced with tempered glass and has a wide viewing angle.;
- 03** The box is equipped with lighting and multi-hole sockets, and an electric stove can be used for local heating.;
- 04** The operating gloves are made of thick latex gloves, which are reliable and durable.;
- 05** The sealing device is novel in design, reliable in sealing and easy to open.;
- 06** There are water nozzles inside and outside for water and air intake.;
- 06** The two doors in the transition chamber solve the problem of repeated vacuuming of the main box.

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Before operation, review the selected model's instructions and the material requirements.