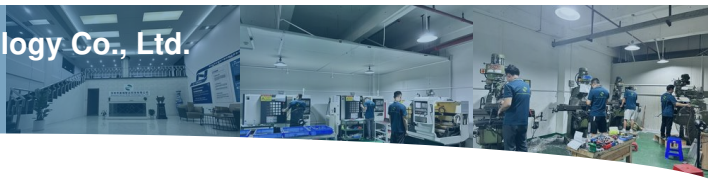


Inert Controlled 6 Glove Two Sided Atmospheres Glove Box Stainless Steel 304

Our Product Introduction

Basic Information

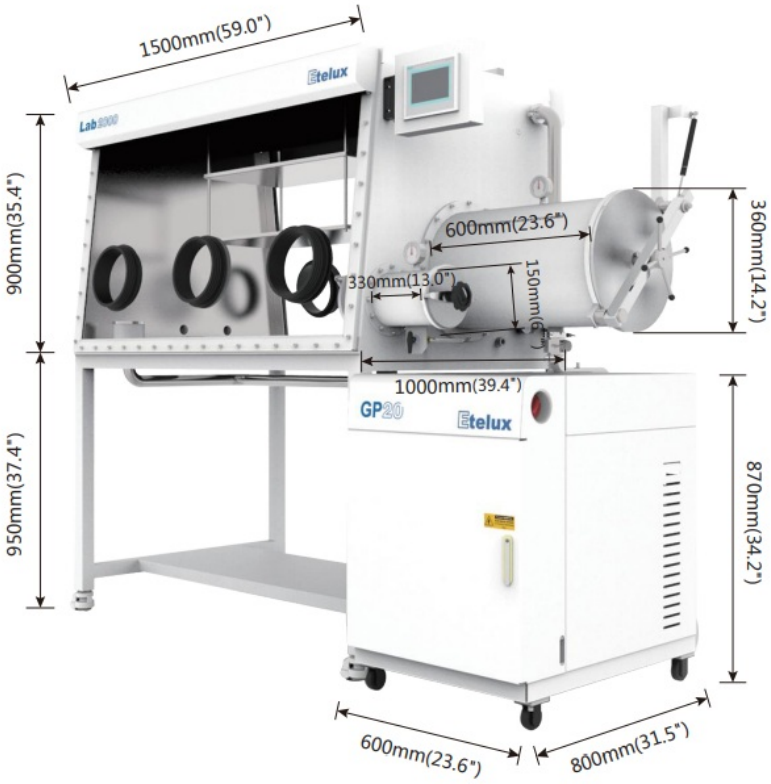
- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-Lab2000-1500
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-30 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month

Product Specification

- Name: Inert Controlled 6 Glove Two-Sided Glovebox Atmospheres
- Application: For Lithium-ion Battery Fabrication
- Leakage Rate Of Box: 0.05 Vol /h
- Environment Of Box Inside: H2O <1 Ppm O2 <1 Ppm
- Antechamber: Φ360mm (Dia.)x 600mm(length)
- Mini Chamber Size: Φ150 Mm(Dia.) X 300mm(L)
- Work Station: One Work Station
- Material: Stainless Steel Type 304, Thickness 3mm
- Highlight: **Inert Controlled Atmospheres Glove Box**, **6 Glove Atmospheres Glove Box**

Product Description

Inert Controlled 6 Glove Two-Sided Glovebox Atmospheres For Lab Battery Fabrication



This Inert Controlled Two-Sided Glovebox Atmospheres 6 Glove Glovebox System are complete standalone systems integrated with entire functional components. They are able to create an inert environment with less than 1 ppm of H2O and O2. The systems are modulated with antechambers, removable windows, adjustable trays, lighting units, adjustable shelves, and gloves, which meet most of the operational needs in the glovebox. The systems are made of welded stainless steel and are equipped with highest-quality components. We also provide optional components to meet your special requirements.

Performance Specifications

Stainless steel chamber design, tempered glass or polycarbonate front window (optional);
Index: H2O, O2 ≤1ppm;
Leakage rate: ≤0.001 vol% / h;
Solenoid valve adopts modular design, leakage rate is reduced, easy to replace;
Main antechamer with sliding tray, unique antechamber door design, light and easy to open;
GP-20 inert gas purification system;
SIEMENS Microcontroller;
SIEMENS operation touch screen, easy to enter various functions;
Data memo: Automatically record system data;
Closed gas circulation, no oil and vacuum;
Foot pedal instead of manual adjustment pressure control; All stainless steel gas flow pipes and accessories; EDWARDS RV12 vacuum pump;
HEPA high efficiency filter;
Automatic pressure control, working pressure can be set within ± 12mbar;
Height adjustable bracket;
Adjustable casters for easy movement;
Lampshade with anti-reflection film;

Technical Advantages

1. The glove box has beautiful design, compact structure and fine workmanship;

2. The inert gas in the glove box is circulated in a closed cycle by a circulation fan and a purifier, continuously absorbing O2 and H2O;
3. The H2O and O2 removal materials can be regenerated, and the regeneration process is automatically controlled by the program;
4. Using the latest European technology, all key components are imported from Europe, from world-renowned manufacturers;
5. The control system includes self-diagnosis, power-off and self-starting features, pressure control and adaptive functions, password
protection, and the control unit uses Siemens PLC touch screen;
6. The water analyzer has strong corrosion resistance and wide application fields, especially for users of lithium battery manufacturing and
metal organic, etc., it can be cleaned for 3 times and reused repeatedly, avoiding the problem of scrapping once pollution;
7. The oxygen analyzer uses the ZrO2 sensor to avoid the problem of short life of the fuel cell and continuous exposure to the air;
8. The use of integrated valve structure reduces and optimizes the system pipeline layout, reduces leakage points, simplifies the leak
detection link, and the use of products is more stable and reliable;
9. The equipment runs stably and can run continuously for 7 × 24h;
10.Automatic control, simple operation, low operation and maintenance cost;
11.Specialized, standardized and large-scale production of all parts of the glove box;
12.Provide products for customers with various special requirements;
13.All parts have been strictly audited and controlled;
14.Rich design and control experience;
15.The production process is strictly based on the ISO9001 standard;
16.High-precision modern test methods, helium mass spectrometer leak detection for key links in the production process, to ensure that
the product quality is foolproof;
17.Sophisticated technical team to achieve continuous improvement and improvement of products;
18.Perfect after-sales service system and rich after-sales service experience

Technical Parameters

Chamber	
Description	Material: Stainless steel 1.4301 (SUS type 304); Thickness 3 mm;Dimensions: 1500mm(59.0") x 1000mm(39.3") x 900mm(35.4") L x W x H
Volumn	1.4 m³(49.4cu)
Front window	Panel: 8 mm thick safety tempered glass or 10 mm thick polycarbonate (optional);Dimensions: 1435mm (56.5") x 839mm (33.0") L x H
Glove port	Hard aluminum alloy material or polyoxymethylene material (optional); Glove port diameter: 220 mm (8.7"); O-ring seal
Gloves	Material: Butyl rubber; Thickness: 0.4 mm or 0.8 mm (available for selection)
Filter	Outlet and inlet filters, filter rate<0.3μm
Illumination	LED lighting is located on the top of the front window
Leak rate	Final acceptance test according to the standard of leakage rate <0.001 vol% / h
GP20 Gas Purification System	
Description	Automatic removal of H2O and O2; single purification column system, automatic regeneration (optional GP200 double purification column); closed gas circulation line
Use voltage	AC 230 V / 50-60 Hz, 10 A or AC 115 V / 50-60 Hz, 20 A (Available for selection)
Working gas	Working gas : N2、Ar 、He(purity≥99.999%) ; Regeneration gas : H2 accounts for 5% -10%, the rest is working gas (purity ≥99.999%)
Vacuum pump	Specifications: Rotary vane vacuum pump, equipped with oil mist filter, with gas ballast control; flow rate: 12 m³ /h (7 cfm), vacuum degree < 2 x 10^{-3} mbar (dry pump optional)
Circulation unit	Oil-free high-speed fan; air volume: 0-100 m³ / h (0-59 cfm)
Valve	Electromagnetic high vacuum valve
Leak rate	Final acceptance test according to the standard of leakage rate <0.001 vol% / h
Cleaning system	
Description	After setting the corresponding time and pressure, the system can automatically perform gas replacement in the chamber.

Accessories List

			
Oxygen analyzer 1 pcs	Dew analyzer 1 pcs	Oil mist filter 1 pcs	Bellows hose 3 pcs
			
Gloves 6 pcs	Edward vacuum pump 1 pcs	Clamps 7 sets	Glove seal rings 12 pcs

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