



Purification Inert Gas Glove Box System 110 - 220V AC With 3 Ports

Our Product Introduction

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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: 3 Glove Ports Purification Inert Gas Glove Box
- Power Supply: 110 - 220V AC, 50/60Hz, Single-phase
- Glovebox Box: 304 Stainless Steel, Thickness 3mm
- 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)
- Highlight: **Inert Gas Glove Box System,
3 Ports Inert Gas Glove Box**

Product Description

3 Glove Ports Purification Inert Gas Glove Box Single Side for Water and Oxygen Removal



Model: MR-Lab2000-1500×7

This Inert Controlled 1500 Integrated Single-sided 3 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.

Features:

- 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 antechamber 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

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



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