

Vacuum Atmosphere Glove Box

This vacuum glove box provides an air-controlled environment with a gas purification system. It features self-diagnostic and detection capabilities, maintaining H₂O/oxygen levels below 1 ppm and a leakage rate of $\leq 0.05\text{vol\%/h}$.



Product Overview

High-Performance Atmosphere Control

The Vacuum Atmosphere Glove Box provides a secure, controlled environment for processing sensitive materials in inert conditions. Constructed from durable stainless steel with options for tempered glass or polycarbonate viewing, it ensures high visibility and safety. Featuring an automated gas purification system and precision PLC control, it is ideal for research and industrial production requiring strict moisture and oxygen regulation.

Physical Dimensions

Available Configuration Sizes

Dimension	Options (mm)
Length	1220, 1500, 1800, 2400
Width	750, 1000, 1200
Height	900

Technical Features

Integrated Components

- Inert gas purification system
- Micro-controller based automation
- Touch screen interface
- Automatic data logging system
- High-efficiency HEPA filtration
- Vacuum pump

Performance Metrics

1 Closed

Gas Cycle

0 Oil-free

Vacuum/Oil

Control Features

Touch Screen Control, Data Memorandum, Pedal Pressure Control, Stainless Steel Pipeline