

Vacuum Glove Box for Moisture and Oxygen Sensitive Materials

This vacuum glove box maintains a high-purity inert atmosphere for processing air or moisture-sensitive materials. It features an integrated gas purification system and an antechamber for introducing samples without compromising the internal environment.



ADDITIONAL IMAGES



Overview

Professional Inert Gas Workstation

This high-performance glovebox system provides a secure, controlled environment for research and development involving moisture and oxygen-sensitive materials. It features a fully automatic gas purification system capable of maintaining purity levels of less than 1 ppm. Designed for reliability and ease of use, it is an essential tool for experiments requiring ultra-pure inert atmospheres.

Construction & Materials

Primary Material	304 Stainless Steel
Glove Specifications	Butyl rubber, 0.4mm thickness, 8 inch caliber, 32 inch length

Performance & Control

Atmosphere Purity

1 ppm

Oxygen Limit

1 ppm

Moisture Limit

System Automation

- Automatic pressure control
- Automatic box cleaning system
- Micro-controller operation panel
- Foot switch pressure control

Pressure Stability	15 mbar
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Technical Dimensions

Physical Dimensions

Parameter	Value
Length	1 M
Depth	220 mm
Filtration	0.3 micron import/export filter