

Controlled Atmosphere Glove Box with Gas Purification

This glove box maintains H₂O and oxygen levels below 1ppm. It features a gas purification system and airtight enclosure for creating a controlled environment.



ADDITIONAL IMAGES



Overview

High-Performance Controlled Atmosphere System

This advanced glove box system provides a highly secure, controlled environment for handling sensitive materials requiring protection from oxygen and moisture. Designed with a robust stainless steel enclosure and integrated gas purification, it ensures maximum purity for research and industrial applications. The system features automated microprocessor control, real-time data logging, and versatile customization options to meet specific laboratory or manufacturing requirements.

Technical Specifications

Available Lengths

- 1220
- 1500
- 1800
- 2400

Available Widths

- 750
- 1000
- 1200

Enclosure Material	Stainless steel
Window Material	Tempered glass or polycarbonate
Height	900 mm

Performance Metrics

Circulation Rate

60 CFM

Max Circulation

Key Features

Gas Purification, Data Logging, Pressure Control, Self Diagnostics, Vibration Control, Automated Regeneration

System Controls

Automation Capabilities

- Automatic pressure control
- Self-start after power failure
- Password protection
- Oxygen and moisture readout
- Integrated vacuum oven/chamber controls

Control System

Microprocessor-based with LCD touch screen