

Glove Box with Gas Purification System

This glove box features a gas purification system to maintain a high-purity, air controlled environment. It has self-diagnostic and detection capabilities, with a leakage rate of $\leq 0.05 \text{ vol\%/h}$ and H₂O/oxygen levels $< 1 \text{ ppm}$.



Overview

High-Precision Inert Gas Environment

This glove box system provides a self-contained, high-purity inert gas environment essential for handling sensitive materials. Constructed from durable stainless steel, it features a sealed chamber with integrated gloves and a specialized gas purification system to maintain strict atmospheric integrity. Designed for versatility, it supports advanced research applications in materials science, chemistry, and pharmaceuticals.

Physical Dimensions

Available Lengths

- 1220 mm
- 1500 mm
- 1800 mm
- 2400 mm

Available Widths

- 750 mm
- 1000 mm
- 1200 mm

Height	900 mm
--------	--------

Control System

Key Control Features	Microprocessor Control, Self-Diagnostics, Auto-Startup After Power Failure, Password Protection, Data Memorandum
User Interface	Touch screen display with LCD readout

Technical Specifications

Gas Purification System	GP-20 Inert Gas Purification System
Vacuum Pump Model	RV8 Vacuum Pump
Filtration	HEPA efficient filter
Integrated Capabilities	Closed Gas Cycle, Oil-Free Vacuum, Pedal Pressure Control, O ₂ & H ₂ O Readout, Freezer Integration, Vacuum Oven Integration

Construction

Materials	Stainless Steel Cabinet, Tempered Glass Window, Polycarbonate Window Option
-----------	---