








# ARGON GLOVE BOX SYSTEM

High Purity | High Performance | Research Grade

Designed for handling air-sensitive materials in a highly controlled inert atmosphere.



## KEY FEATURES

-  **Atmosphere**  
High-purity Argon (Ar)
-  **Oxygen (O<sub>2</sub>)**  
< 1 ppm
-  **Moisture (H<sub>2</sub>O)**  
< 1 ppm
-  **Gloves**  
Butyl rubber gloves
-  **Antechamber**  
Vacuum transfer chamber for samples
-  **Gas Purification**  
Continuous O<sub>2</sub>/H<sub>2</sub>O removal system
-  **Pressure Control**  
Automatic positive/negative pressure regulation

## TECHNICAL SPECIFICATIONS

Chamber Material	Stainless Steel 304
Front Window	Tempered Safety Glass
Atmosphere	High-purity Argon (Ar)
Oxygen (O <sub>2</sub> )	< 1 ppm
Moisture (H <sub>2</sub> O)	< 1 ppm
Gloves	Butyl Rubber Gloves
Antechamber	Stainless Steel Vacuum Chamber
Antechamber Pressure	≤ -0.095 MPa
Gas Purification	O <sub>2</sub> /H <sub>2</sub> O Removal System
Pressure Control	Automatic Positive / Negative Pressure Regulation
Leak Rate	≤ 0.05 vol%/h
Power Supply	220–240 V AC, 50/60 Hz
Standard Accessories	Gloves, Gas Purification System, Vacuum Pump, HEPA Filter

## TYPICAL APPLICATIONS

-  Coin cell assembly (CR2032)
-  Pouch cell fabrication
-  **Li** Lithium metal handling
-  Electrolyte filling
-  Battery material research



## OPTIONAL FEATURES

- Solvent Purification System
- Heated Chamber
- Integrated Work Table
- Data Logger
- Air Shower (Personnel Entry)
- UV Sterilization Lamp
- Additional Power Sockets
- Custom Size Available

 Ultra High Purity  
O<sub>2</sub> & H<sub>2</sub>O < 1 ppm

 Continuous  
Gas Purification

 Stable Pressure  
Control

 Safe & Reliable  
Operation

 Ideal for R&D and  
Production