## Product Sampler

# Glove Box Systems

CLEATECH LLC.
Critical Laboratory solutions

- Manufacture of a complete line of Stainless Steel and Plastic Hoods and Laminar Flow Workstation
- Desiccator, Low-Humidity storage cabinets
- Glove Box Systems
- Laboratory Fume Hoods

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## Automatic Purge Control Units with RH Sensor

Automatic purge control units (Humodule™) work with inert gas such as Nitrogen, Argon or Clean Dry Air (CDA) Source. They are designed to automatically control purge system to maintain desired low relative humidity.

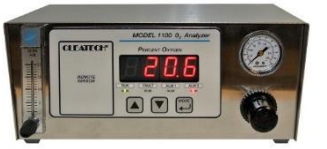
| SKU | Descriptions | Price |
|---|---|---|
| A21-HM-HDS | PCU Type S, Single Purge, audio Alarm, One Humidity Sensor | $1,450 |
| A21-HM-HDD* | PCU Type D, Double Purge, audio Alarm, One Humidity Sensor | $1,485 |
| A21-HM-H2 | 2-Channel Dehumidification Unit, with two RH Sensors | $1,995 |
| A21-HM-H3 | 3-Channel Dehumidification Unit, with three RH Sensors | $2,390 |
| A21-HM-H4 | 4-Channel Dehumidification Unit, with four RH Sensors | $2,995 |
| A21-HM-C | Humidification & Dehumidification Purge Unit, One RH Sensor | RFQ |

**Type S:** It's a single purge unit, The Nitrogen flow is stopped by a solenoid valve, when the humidity is lower than set point.

**Type D:** It is a dual purge unit. The system provides low purge (2-20 Cubic feet per hour) inert gas maintaining positive pressure inside the enclosure.

## Automatic Purge Control Units with O2 Sensor (Oxygen Analyzer)

Cleatech Oxygen Analyzer works with inert gas such as Nitrogen and Argon. The system monitors the O2 level 0 to 100 and it's able to maintain the O2 level inside the enclosure on the desired set point level.



| SKU | Descriptions | Price |
|---|---|---|
| A21-HM-OA | Automatic Purge Control Unit with O2 Sensor | $2,750 |

**Features:** 0 to 100% Oxygen level reading range, including external model CAG-250E sensor, Stainless Steel enclosure, Bench-top, Alarm Output, RS 232 Service port.

## Oxygen Monitor

Economical instruments for monitoring & measuring Oxygen Level

| SKU | Descriptions | Price |
|---|---|---|
| A21-MT-OMB | Oxygen Monitor Portable, 0-100% (< +2%) with Sensor, 3V | $525 |
| A21-MT-OM | Oxygen Monitor, 0-100% (< +1%) with Sensor, 120/230V | $1,380 |
| A21-MT-OMP | Oxygen Monitor Compact, 0-100% (< +2%) with Sensor, 3V | $350 |

## Nitrogen Generators

Membrane Nitrogen Generators which eliminate the inconvenience and the high costs of nitrogen cylinders. Membrane Nitrogen Generators produce up to 99.5% pure commercially sterile nitrogen at dew points to -58°F (-50°C) from a compressed air supply. They require source of dry compressed air.

| SKU | Descriptions | Price |
|---|---|---|
| 1700-1-A | Membrane Nitrogen generator, HFX-1, 11 SCFH @ 99% Pure | $6,033 |
| 1700-1-B | Membrane Nitrogen generator, HFX-3, 42 SCFH @ 99% Pure | $10,057 |
| 1700-1-C | Membrane Nitrogen generator, HFX-5, 76 SCFH @ 99% Pure | $14,856 |

**Accessories:** • Filter Maintenance Kits

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## Isolation Glove Box 2100 Series, Two Port , Transparent

These basic isolation glove boxes provide low-humidity, Oxygen free controlled environment when used with inert gas purging system. Isolation glove boxes are ideal choice for laboratory, clean room, electronic assembly and other critical processing operations in such industries as semiconductor and pharmaceutical manufacturing.

**Features:**

Two access doors open inward (or outwards upon request) with stainless Steel door frame, hinge, one-piece non-adhesive sealing.
Side door opening 10”x10” (Upgradable to larger door)
Removable back wall for operations involving large equipment.
Two 8” OD glove ports for standard dry box gloves with 8” cuff size.

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2100-2-A | Two-Port Isolation Glove Box, Inert Gas Option | Clear Acrylic | 35”x24”x25” | $1,320 |
| 2100-2-E | Two-Port Isolation Glove Box, Inert Gas Option | ESD Acrylic | 35”x24”x25” | $2,326 |
| 2100-2-C | Two-Port Isolation Glove Box, Inert Gas Option | Clear PVC | 35”x24”x25” | $1,639 |
| 2100-2-B | Two-Port Isolation Glove Box, Inert Gas Option | ESD PVC | 35”x24”x25” | $2,326 |

**Accessories:**

•Airlock Transfer Chamber •Gas-Port and Bleeding Valve •Flowmeter •Dry Box Gloves •Stainless Steel Worksurface or Tray •Powder coated steel stand • Automatic Purge Control Unit RH or O2 Monitoring •Power Strip • Single or Multi port Feedthrough / Cord grip •Front Tilt-up Access Door

## Isolation Glove Box 2100 Series, Four Port , Transparent

The larger enclosure isolation glove boxes for two operators, provide low-humidity, Oxygen free controlled environment when used with inert gas purging system.

**Features:**

Two access doors open inward (or outwards upon request) with stainless Steel door frame, hinge, one-piece non-adhesive sealing.
Side door opening 10”x10” (Upgradable to larger door)
Removable back wall for operations involving large equipment.
Four 8” OD glove ports for standard dry box gloves with 8” cuff size.

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2100-4-A | Four-Port Isolation Glove Box, Inert Gas Option | Clear Acrylic | 60”x24”x25” | $1,630 |
| 2100-4-E | Four-Port Isolation Glove Box, Inert Gas Option | ESD Acrylic | 60”x24”x25” | $3,195 |
| 2100-4-C | Four-Port Isolation Glove Box, Inert Gas Option | Clear PVC | 60”x24”x25” | $2,145 |
| 2100-4-B | Four-Port Isolation Glove Box, Inert Gas Option | ESD PVC | 60”x24”x25” | $3,195 |

**Accessories:**

•Airlock Transfer Chamber •Gas-Port and Bleeding Valve •Flowmeter •Dry Box Gloves •Stainless Steel Worksurface or Tray •Powder coated steel stand • Automatic Purge Control Unit RH or O2 Monitoring •Power Strip • Single or Multi port Feedthrough / Cord grip •Front Tilt-up Access Door

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## Isolation Glove Box 2100 Series, Two Port, Polypropylene

Basic isolation glove boxes with durable and chemical resistant non-transparent construction. Good choice for laboratory application involved chemicals.

**Features:**
White Polypropylene with tempered Glass Window
Two access doors open inward (or outwards upon request) with stainless Steel door frame, hinge, one-piece non-adhesive sealing.
Side door opening 10”x10” (Upgradable to larger door)
Removable back wall for operations involving large equipment.
Two 8” OD glove ports for standard dry box gloves with 8” cuff size.
External mount fluorescent or LED light.

Monitor atmosphere with
Oxygen Meter
Digital Hygrometer
Thermometer

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2100-2-D | Two-Port Isolation Glove Box, Inert Gas | Polypropylene | 35”x24”x25” | $1,620 |

**Accessories:**
•Airlock Transfer Chamber •Gas-Port and Bleeding Valve •Flowmeter •Dry Box Gloves •Bare Hand Entry (Iris port) •Stainless Steel Worksurface or Tray •Powder coated steel stand • Automatic Purge Control Unit RH or O2 Monitoring •Power Strip • Single or Multi port Feedthrough / Cord grip

## Isolation Glove Box 2100 Series, Four Port, Polypropylene

Four port isolation glove boxes with durable and chemical resistant non-transparent construction. Good choice for laboratory application involved chemicals. Available in same side glove ports or Dual sided glove ports.

**Features:**
White Polypropylene with to Tempered Glass Window
Two access doors open inward (or outwards upon request) with stainless Steel door frame, hinge, one-piece non-adhesive sealing.
Side door opening 10”x10” (Upgradable to larger door)
Removable back or side wall for operations involving large equipment.
Four 8” OD glove ports for standard dry box gloves with 8” cuff size.
External mount fluorescent or LED light

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2100-4-D | Four-Port Glove Box, Same Side Port Ports | Polypropylene | 60”x24”x25” | $1,960 |
| 2100-4-I | Four-Port Glove Box, Back to Back Ports | Polypropylene | 36”x36”x25” | $2,200 |

**Accessories:**
•Airlock Transfer Chamber •Gas-Port and Bleeding Valve •Flowmeter •Dry Box Gloves •Bare Hand Entry (Iris port) •Stainless Steel Worksurface or Tray •Powder coated steel stand • Automatic Purge Control Unit RH or O2 Monitoring •Power Strip • Single or Multi port Feedthrough / Cord grip

**Material Guide:**
*Clear acrylic glove box is ideal for general purpose processing. Non-dissipative Acrylic could be damaged by some cleaning agents. Chemical Grade Clear Static-Dissipative Acrylic or PVC eliminates static charges keeping the dry box clean and it does not attract particles from the air and has a powerful chemical resistance. Clear PVC glove box is a good economical choice for operations with many corrosive chemicals and alcohol. it’s transparent with slight gray tint. Polypropylene is the best chemical resistant in plastic glove boxes and recommended for application involved with Acetone and acids.*

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## Isolation Glove Box 2200 Series, Two Port, Portable

2200 Series isolation glove boxes, light weight, portable and space saving with 27" width. Cleatech portable gloveboxes come with front tilt-up window and optional airlock. These economical glove boxes have the same function as standard 2100 series with wide range of materials and accessories for humidity and oxygen control & monitoring.

**Features:**

Lift-up front window with stainless steel frame, allows easy parts transfer from inside the Glovebox.
Interior Dimensions 26 ½"Wx17"Dx17.5"H
Removable back wall for operations involving large equipment.
Two 8" Diameter glove port can be used with any 8" standard glove
Side door opening 10"x10" available if it's ordered with transfer chamber

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2200-2-A | Two-Port Portable Mini Glove Box | Clear Acrylic | 27"x18"x18" | $1,075 |
| 2200-2-E | Two-Port Portable Mini Glove Box | ESD Acrylic | 27"x18"x18" | $1,955 |
| 2200-2-C | Two-Port Portable Mini Glove Box | Clear PVC | 27"x18"x18" | $1,475 |
| 2200-2-B | Two-Port Portable Mini Glove Box | ESD PVC | 27"x18"x18" | $1,995 |
| 2200-2-D | Two-Port Portable Mini Glove Box | Polypropylene | 27"x18"x18" | $1,430 |

**Accessories:**

•Airlock Transfer Chamber •Gas-Port and Bleeding Valve •Flowmeter •Dry Box Gloves •Bare Hand Entry (Iris port) •Stainless Steel Worksurface or Tray •Powder coated steel stand • Automatic Purge Control Unit RH or O2 Monitoring •Power Strip • Single or Multi port Feedthrough / Cord grip

## Isolation Glove Box 2500 Series, Two Port, Compact

Compact glove box is a portable sealed enclosure that is designed to allow one to manipulate objects where a separate atmosphere is required but in a small scale. It can be used in mail handling, labs and clean rooms. The operator can place their hands into the gloves from the side ports and perform tasks inside the box.

**Features:**

Lift-up front window allows easy parts transfer from inside the Glovebox.
The door opening 14 ½"x12 5/8"
Two 8" Diameter glove port on the sides can be used with any 8" glove

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2500-2-A | Two-Port Compact Glove Box | Clear Acrylic | 16"x16"x16" | $995 |
| 2500-2-E | Two-Port Compact Glove Box | ESD Acrylic | 16"x16"x16" | $1,750 |
| 2100-2-C | Two-Port Compact Glove Box | Clear PVC | 16"x16"x16" | $1,350 |
| 2100-2-D | Two-Port Compact Glove Box | Polycarbonate | 16"x16"x16" | $1,180 |

**Accessories:**

•Gas-Port and Bleeding Valve •Flowmeter •Dry Box Gloves •Bare Hand Entry (Iris port) Automatic Purge Control Unit RH or O2 Sensor •Digital Hygrometer/ Thermometer • Portable Oxygen Monitor • Single or Multi port Feedthrough / Cord grip

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## Isolation Glove Box 2800 Series, Stainless Steel

Cleatech 2800 Series isolation Glove Boxes are constructed from 304 grade stainless steel with continues-steam welds designed for removal of oxygen and humidity and backfill with nitrogen or argon. Provide a clean, controlled atmosphere environment for many applications such as semiconductor, pharmaceutical manufacturing, research and testing. Stainless steel has good resistance to a wide range of chemicals and excellent moisture and heat resistance. They can be decontaminated and cleaned easily, and they are ESD safe suitable for electro static sensitive applications if grounded.

**Features:**

304 Stainless steel construction with continues-steam welds
Tilt-up front window clear AR polycarbonate with large opening
All welded NPT gas ports
8" OD Arm ports that can be used with gloves or IRIS port

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2800-2-A | Two-Port glove box Medium | 304 S.S | 27"x18"x18" | $2,650 |
| 2800-2-B | Two-Port Glove box Large | 304 S.S | 30"x24"x26" | $3,250 |

**Accessories:**

•Airlock Transfer Chamber •Dry Box Gloves •Bare Hand Entry (Iris port) •Powder coated steel and stainless-steel base stand •Power Strip • Single or Multi port Feedthrough / Cord grip

## Vacuum Glove Box 2700 Series

Vacuum glove boxes can handle 29.8 in.Hg negative pressure and are designed for anaerobic processing in dry inert gas environment. It's used in a wide range of vacuum application such as degassing. For an automated vacuum control, select a Cleatech VCU a vacuum control unit. For monitoring the oxygen concentration, you may order Cleatech portable Oxygen monitor.

**Features:**

1" wall reinforced Acrylic construction.
Two removable glove covers
Fully removable top lid for easy transfer of large parts
Two vacuum valves with barbed fitting for vacuum and nitrogen backfill
Vacuum Gauge 0-30 in for monitoring main chamber and airlock internal pressure

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2700-2-A | Vacuum Glove Box without Transport Chamber | Clear Acrylic | 24"x16"x18" | $3,580 |
| 2700-2-B | Vacuum Glove Box with Vacuum Airlock | Clear Acrylic | 36" x16"x18" | $4,690 |

**Accessories:**

•Low CFM vacuum pump for continuous nitrogen purging •Two-stage Rotary Vacuum Pump 6 CFM for deep vacuum •Vacuum Control Unit to maintain the vacuum level •Vacuum rated PVC Tube

*Cleatech® Vacuum Pump Control Unit, desk top, monitors the vacuum level and automatically controls pump to maintain a preset vacuum level (Down to 29.5" Hg)*

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## HEPA Filtered Glove Box 2300 Series, Two Port, Transparent

Cleatech 2300 Series Containment Glove Boxes are configured as an open loop airflow system safely and effectively control particulates in your laboratory. These glove boxes are negatively pressured to contain particulates inside the chamber and protect operator. Alternatively, they can be factory configured to positive pressure to protect samples against airborne particles.

**Features:**

Two access doors open outwards (Negative Pressure), opening 10”x10”
Blower Module, Adjustable Speed, 400-CFM
Removable back wall for operations involving large equipment.
Two 8” OD glove ports for standard dry box gloves with 8” cuff size.
Primary HEPA Filter 99.97% efficient.

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2300-2-A | Two-Port Open Loop HEPA Filtered Glove Box | Clear Acrylic | 35”x24”x25” | $2,230 |
| 2300-2-E | Two-Port Open Loop HEPA Filtered Glove Box | ESD Acrylic | 35”x24”x25” | $3,235 |
| 2300-2-C | Two-Port Open Loop HEPA Filtered Glove Box | Clear PVC | 35”x24”x25” | $2,550 |
| 2300-2-B | Two-Port Open Loop HEPA Filtered Glove Box | ESD PVC | 35”x24”x25” | $3,235 |

**Accessories:**

•Airlock Transfer Chamber •Dry Box Gloves •Bare Hand Entry (Iris port) •Stainless Steel Worksurface or Tray •Powder coated steel stand • HEPA or Carbon Exhaust filter •Duct Port 2” to 10” OD •Power Strip • Single or Multi port Feedthrough / Cord grip •Front tilt-up Access Door •Pressure gauge

## HEPA Filtered Glove Box 2300 Series, Four Port, Transparent

The larger enclosure containment glove boxes for two operators, configured as an open loop airflow system safely and effectively control particulates in your laboratory. Available in Negative and Positive Configuration.

**Features:**

Two access doors open outwards (Negative Pressure), opening 10”x10”
Blower Module, Adjustable Speed, 400-CFM
Removable back wall for operations involving large equipment.
Two 8” OD glove ports for standard dry box gloves with 8” cuff size.
Primary HEPA Filter 99.97% efficient.

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2300-4-A | Four-Port Open Loop HEPA Filtered Glove Box | Clear Acrylic | 60”x24”x25” | $2,520 |
| 2300-4-E | Four-Port Open Loop HEPA Filtered Glove Box | ESD Acrylic | 60”x24”x25” | $4,065 |
| 2300-4-C | Four-Port Open Loop HEPA Filtered Glove Box | Clear PVC | 60”x24”x25” | $3,015 |
| 2300-4-B | Four-Port Open Loop HEPA Filtered Glove Box | ESD PVC | 60”x24”x25” | $4,065 |

**Accessories:**

•Airlock Transfer Chamber •Dry Box Gloves •Bare Hand Entry (Iris port) •Stainless Steel Worksurface or Tray •Powder coated steel stand • HEPA or Carbon Exhaust filter •Duct Port 2” to 10” OD •Power Strip •Single or Multi port Feedthrough / Cord grip •Front tilt-up Access Door •Pressure gauge

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## HEPA Filtered Glove Box 2300 Series, Two Port, Polypropylene

Durable and chemical resistant non-transparent construction. Ideal choice for laboratory application involved chemicals.
An open loop airflow system safely and effectively control particulates in your laboratory. These glove boxes are negatively pressured to contain particulates inside the chamber and protect operator. Alternatively, they can be factory configured to positive pressure to protect samples against airborne particles.

*Optional Duct Port & Pressure Gauge*

**Features:**
Two access doors open outwards (Negative Pressure), opening 10”x10”
Blower Module, Adjustable Speed, 400-CFM
Removable back wall for operations involving large equipment.
Two 8” OD glove ports for standard dry box gloves with 8” cuff size.
Primary HEPA Filter 99.97% efficient.
Internal mount LED light. (Also, available in External)

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2300-2-D | Two-Port Open Loop HEPA Filtered Glove Box | Polypropylene | 35”x24”x25” | $2,460 |

**Accessories:**
•Airlock Transfer Chamber •Dry Box Gloves •Bare Hand Entry (Iris port) •Stainless Steel Worksurface or Tray •Powder coated steel stand • HEPA or Carbon Exhaust filter •Duct Port 2” to 10” OD•Power Strip • Single or Multi port Feedthrough / Cord grip •Front tilt-up Access Door •Pressure gauge

## HEPA Filtered Glove Box 2300 Series, Four Port, Polypropylene

The larger enclosure containment glove boxes for two operators, configured as an open loop airflow system safely and effectively control particulates in your laboratory. Available in Negative and Positive Configuration.

**Features:**
Two access doors open outwards (Negative Pressure), opening 10”x10”
Blower Module, Adjustable Speed, 400-CFM
Removable back wall for operations involving large equipment.
Two 8” OD glove ports for standard dry box gloves with 8” cuff size.
Primary HEPA Filter 99.97% efficient.
Internal mount LED light. (Also, available in External)

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2300-4-D | Four-Port Open Loop HEPA Filtered Glove Box | Polypropylene | 60”x24”x25” | $2,830 |

**Accessories:**
•Airlock Transfer Chamber •Dry Box Gloves •Bare Hand Entry (Iris port) •Stainless Steel Worksurface or Tray •Powder coated steel stand • HEPA or Carbon Exhaust filter •Duct Port 2” to 10” OD•Power Strip • Single or Multi port Feedthrough / Cord grip •Front tilt-up Access Door •Pressure gauge

***Note:*** *Filtered glove boxes cannot maintain a pure gas atmosphere since they move freely through any particulate filter. Therefore, they are not good choice to control humidity and oxygen level. Use Cleatech* isolation glove boxes for such applications.

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## HEPA Filtered Glove Box 2400 Series, Two Port, Transparent

2400 Series filtration glove box is a combination of isolation glove boxes 2100 series with HEPA filtered glove boxes 2300 series. It provides low humidity environment along with a clean, particulate controlled work space for critical processing operations

**Features:**

Two access doors open outwards (Negative Pressure), opening 10”x10”
Blower Module, Adjustable Speed, 400-CFM
Removable back wall for operations involving large equipment.
8” OD glove ports for standard dry box gloves with 8” cuff size.
Primary HEPA Filter 99.97% efficient.

***Simple Loop**: Inside atmosphere purified by continuous recirculation through a HEPA Filter*

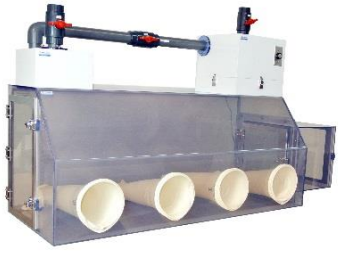
| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2400-2-A | Two-Port, Simple Close Loop, Filtered Glovebox | Clear Acrylic | 35”x24”x25” | $2,480 |
| 2400-2-E | Two-Port, Simple Close Loop, Filtered Glovebox | ESD Acrylic | 35”x24”x25” | $4,275 |
| 2400-2-C | Two-Port, Simple Close Loop, Filtered Glovebox | Clear PVC | 35”x24”x25” | $2,839 |
| 2400-2-B | Two-Port, Simple Close Loop, Filtered Glovebox | ESD PVC | 35”x24”x25” | $3,525 |

***Dual Configurations:** A valve system allows conversion from open exhaust operation with fresh make-up air, to a closed-loop recirculation for capture particles.*

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2400-2-D | Two-Port, Open/Close Loop, Filtered Glovebox | Clear Acrylic | 35”x24”x25” | $3,130 |
| 2400-2-M | Two-Port, Open/Close Loop, Filtered Glovebox | ESD Acrylic | 35”x24”x25” | $4,275 |
| 2400-2-F | Two-Port, Open/Close Loop, Filtered Glovebox | Clear PVC | 35”x24”x25” | $3,590 |
| 2400-2-E | Two-Port, Open/Close Loop, Filtered Glovebox | ESD PVC | 35”x24”x25” | $4,275 |

## HEPA Filtered Glove Box 2400 Series, Four Port, Transparent

Same features as two-port but the larger containment enclosure for working of two operators. Available in simple closed loop or dual configuration (Close/Open Loop). And in Negative and Positive Configuration.



**Accessories:**

•Airlock Transfer Chamber •Dry Box Gloves •Bare Hand Entry •Stainless Steel Tray •Mobile Stand • HEPA or Carbon filter •Power Strip •Cord grip •Front Door •Gas ports and Automatic Purge Control

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2400-4-A | Four-Port, Simple Close Loop, Filtered Glovebox | Clear Acrylic | 60”x24”x25” | $2,930 |
| 2400-4-L | Four-Port, Simple Close Loop, Filtered Glovebox | ESD Acrylic | 60”x24”x25” | $4,395 |
| 2400-4-C | Four-Port, Simple Close Loop, Filtered Glovebox | Clear PVC | 60”x24”x25” | $3,445 |
| 2400-4-B | Four-Port, Simple Close Loop, Filtered Glovebox | ESD PVC | 60”x24”x25” | $4,395 |
| **SKU** | **Description** | **Material** | **Dimensions** | **Price** |
| 2400-4-D | Four-Port, Open/Close Loop, Filtered Glovebox | Clear Acrylic | 60”x24”x25” | $3,540 |
| 2300-4-M | Four-Port, Open/Close Loop, Filtered Glovebox | ESD Acrylic | 60”x24”x25” | $5,175 |
| 2300-4-F | Four-Port, Open/Close Loop, Filtered Glovebox | Clear PVC | 60”x24”x25” | $4,225 |
| 2300-4-E | Four-Port, Open/Close Loop, Filtered Glovebox | ESD PVC | 60”x24”x25” | $5,175 |

## HEPA Filtered Glove Box 2400 Series, Two Port, Polypropylene

Durable and chemical resistant non-transparent construction. Ideal choice for laboratory application involved chemicals. Air recirculates through a HEPA filter (or ULPA). The filter removes particulate and other contaminants to provide a clean process environment. They are available in Negative and Positive Configuration.

**Features:**

Two access doors open outwards (Negative Pressure), opening 10”x10”
Blower Module, Adjustable Speed, 400-CFM
Removable back wall for operations involving large equipment.
8” OD glove ports for standard dry box gloves with 8” cuff size.
Primary HEPA Filter 99.97% efficient.
Internal Mount LED light (Also available as External)

***Simple Loop**: Inside atmosphere purified by continuous recirculation through a HEPA **Filter***

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2400-2-J | Two-Port, Simple Close Loop Glove Box | Polypropylene | 35”x24”x25” | $2,650 |

***Dual Configurations:** A valve system allows conversion from open exhaust operation with fresh make-up air, to a closed-loop recirculation for capture particles.*

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2400-2-K | Two-Port, Open/Close Loop Glove Box | Polypropylene | 35”x24”x25” | $3,400 |

## HEPA Filtered Glove Box 2400 Series, Four Port, Polypropylene

Same features as two-port but the larger containment enclosure for working of two operators. Available in simple closed loop or dual configuration (Close/Open Loop).

***Simple Loop**: Inside atmosphere purified by continuous recirculation through a HEPA **Filter***

***Dual Configurations:** A valve system allows conversion from open exhaust operation with fresh make-up air, to a closed-loop recirculation for capture particles.*

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2400-4-J | Four-Port, Simple Close Loop Glovebox | Polypropylene | 60”x24”x25” | $3,260 |

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2400-4-K | Four-Port, Open/Close Loop Glove Box | Polypropylene | 60”x24”x25” | $4,040 |

**Accessories of 2400 Series:**

•Airlock Transfer Chamber •Dry Box Gloves •Bare Hand Entry •Stainless Steel Worksurface and Tray •Mobile Supporting Stand • HEPA or Carbon Filter •Power Strip •Cord grip •Front Tilt-up Access Door •Enlarged side access Door •Gas ports •Oxygen Monitor •Hygrometer and Thermometer • Pressure Gauge to monitor internal pressure •Automatic Purge Control Unit (For more info refer to Page 8)

*Customization is available for all products if the standard sizes and features do not meet your requirements*

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## Custom Specialty Glove Box with Downflow Exhaust System

- Durable and chemical resistant for laboratory application involved chemicals.
- 10 feet length Six Glove Port system
- Fully removable front clear panel.
- Perforated Polypropylene worksurface
- Bottom Exhaust plenum with Duct ports
- Heavy Duty epoxy coated stand with lockable casters
- External Mount LED lights
- Choice of Bare hand entry or Gloves

## Custom Filtration Glove Box

- Chemical resistant Polypropylene construction
- Air Recirculating system with Diverting Ball valves for both main chamber and Transfer chamber
- Convertible Closed Loop to an Open Exhaust Filtration
- Negative pressure Turnkey system
- Mobile Supporting Base
- Sliding Laptop tray
- Magnehelic gauges to monitor internal pressure
- Real time Particle counter to monitor Filter performance
- External Mount LED lighting

## Extra Large Isolation Glovebox with Tilt-up Back Panel

- Chemical resistant Polypropylene construction
- Extra large isolation chamber for placing the wide and tall equipment
- Multiple Airtight cord / cable entry
- Internal power supply
- Tilt-up back panel for easy transfer equipment in and out
- Custom large side access door
- Two front tilt-up doors with Tempered glass
- Four Glove ports with Ant-static Gloves
- Epoxy coated steel base stand with Undershelf

## Custom Stainless Glovebox with Welded Ports

- Custom size glove box
- Corrosion resistant 304 Stainless Steel Construction
- Static Dissipative PVC front removable panel
- Multiple NPT fittings and KF-40 Ports
- Tilt-up front access door
- Internal wall mounted shelving
- Inert gas purge system
- Two glove ports with Ant-static and chemical resistant Gloves

## Compounding Aseptic Isolators 2600 Series, Two Port, Polypropylene

Positive Pressure Compounding Aseptic Isolators CAI, 2600 series are designed to provide a sterile positive pressure environment for the compounding of non-hazardous drugs. HEPA filtered unidirectional air flow supply within both the work zone and antechamber areas to assure ISO Class 5 conditions and sterility and minimizing cross contamination.

**Features:**

Main chamber Interior space 3ft : 24.25"W x 28.5"D x 30"H
Main chamber Interior space 4ft : 36.25"W x 28.5"D x 30"H
Antechamber Interior: 14.75" W x 28.5"D x 30"H
Transparent AR Polycarbonate front windows
Two 8" OD glove ports for standard dry box gloves with 8" cuff size.
HEPA Filter 99.99% at .3 µm or ULPA Filter 99.999% at .12 µm.
LED light.
Magnehelic gauges monitor the internal positive pressure
Air Flow: 650 4-Feet Model; 480 3-Feet Model
Stainless steel rod, including S-shaped IV hooks
Test Ports to test and certify the internal pressure and the differential pressure of main and antechamber
Removable Sliding door between two chambers

| SKU | Description | Material | Dimensions | Price |
|---|---|---|---|---|
| 2600-2-A | 3 Feet Compounding Aseptic Isolators | Polypropylene | 40"x30"x44" | $4,725 |
| 2600-2-B | 4 Feet Compounding Aseptic Isolators | Polypropylene | 52"x30"x44" | $5,440 |

***Note:*** *Also, available with supporting stand 30" and 35" Height*

## Anaerobic Processing Chambers

BACTRON anaerobic and environment chambers by ShelLab provide glove-free handling of samples with a consistent, oxygen- free environment that promotes faster sample turnaround. Modular equipment within the chamber facilitates the completion of basic workflow procedures from unpacking of materials to inoculation, incubation, inspection, and recovery.

**Features:**

Low Gas supply Alarm, Integrated vacuum Pump, Auto-Sleeve Cycle with Integrated HEPA Filter, Integrated Internal Regulators, Inner Door Lock, Auto-Commissioning Cycle, Comfortable, sleeve cuff seals around operators' arm, Arm Port Doors, User Adjustable Airlock Cycling, Sliding Shelves, Oxygen Catalyst and Humidity Controls, Pressure Controls, Revolving Shelves, External Lights

| Incubator Capacity | Main Cu.Ft | Incub. Cu.Ft | Airlock Cu.ft | Voltage 115V | | Voltage 230V | |
|---|---|---|---|---|---|---|---|
| 300 Petri Plate | 12.5 | 1.4 | 0.74 | BACTRONEZ | $10,800 | BACTRONEZ-2 | $12,146 |
| | 16.0 | 1.4 | 1.29 | BACTRON300 | $21,735 | BACTRON300-2 | $21,735 |
| 600 Petri Plate | 16.0 | 4.6 | 1.29 | BACTRON600 | $25,114 | BACTRON600-2 | $25,114 |
| 900 Petri Plate | 16.0 | 1.4/4.6 | 1.29 | BACTRON900 | $26,785 | BACTRON900-2 | $26,785 |

*Visit www.Globallabsupply.com for latest sales price*

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