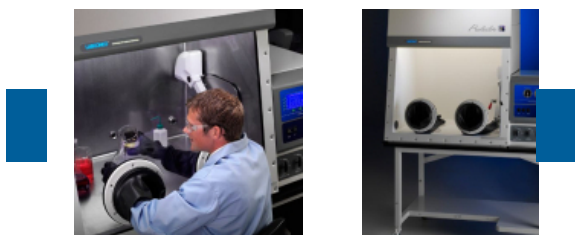




Protector Controlled Atmosphere Glove Boxes

Protector Controlled Atmosphere Glove Boxes provide a leak-tight environment to perform work with contamination-sensitive materials under vacuum or in an inert environment. Fiberglass-lined models are performance tested to maintain oxygen levels as low as 0.4 ppm and moisture levels as low as 2 ppm. Stainless steel-lined models are performance tested to maintain oxygen levels as low as 0.2 ppm and moisture levels as low as 1 ppm.

Need an ultrapure inert atmosphere? All Protector Controlled Atmosphere Glove Boxes are compatible with the new AtmosPure Re-Gen Gas Purifier accessory, which has the capacity to remove up to five liters of oxygen (13.500 ppm) and 660 grams of moisture (18 million ppm) at standard temperature and pressure (STP).



Архангельск (8182)63-90-72
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Additional Features & Specifications

Features

- Factory leak-tested with a mass spectrometer while pressurized with helium at 5 inches of water gauge. No detectable leaks greater than 1×10^{-6} ml/sec.
- Exceed Class I atmosphere containment conditions for oxygen permeation <1.67 ppm/min per ISO 10648-2 test method.
- Oxygen permeation <0.3 ppm/min (fiberglass-lined models) and <0.15 ppm/min (stainless steel-lined models) per ISO 10648-2.
- Four manual valves – two on the main chamber and two on the transfer chamber – for evacuating, filling and added control. With 3/8" compression fittings and 3/8" hose barbs.
- Factory-installed, rear-mounted, low profile stainless steel pressure relief bubbler at ± 6 inches of water gauge.
- Two rear-mounted inlet and outlet 3/4" OD compression fittings for easy connection to optional AtmosPure Re-Gen Gas Purifier or other accessory drying train.
- Large viewing area, 36" w x 27.6" high, provides maximum visibility. Viewing window is 3/8" thick, laminated safety glass.
- Space-saving inner and outer transfer chamber doors that pivot upward, are counterbalanced and equipped with quick-latches.
- Interior right-hand side wall-mounted electrical duplex receptacle with 10 amp maximum (100/115 volt models) or 10 amp maximum (230 volt models) circuit load.
- Interior left-hand side wall-mounted pass through plug for on-site installation of an optional accessory: electrical outlet, RS-232 port, gas/liquid port, or port for oxygen or moisture monitor.

- Chemical resistant, one-piece molded fiberglass liner or type 304 stainless steel liner
- Clear acrylic inner and outer transfer chamber doors (fiberglass-lined models).
- Type 304 stainless steel inner and outer transfer chamber doors and front panel (stainless steel-lined models).
- Main chamber pressure analog gauge with readings from -5 to +5 inches of water gauge (basic models).
- Transfer chamber pressure analog gauge with readings from 0 to 29.5 inches of mercury (basic models).
- Automatic Pressure Controller controls main chamber pressure (-5 to +5 inches of water gauge), main chamber evacuation and filling cycles (up to 499 cycles) and transfer chamber evacuation and filling cycles (up to 499 cycles) (auto pressure control models).
- Muteable, audible alarm that sounds when pressure/vacuum level is outside set limits (auto pressure control models).
- LCD display of main chamber and transfer chamber pressure in inches of water, inches of mercury and mBar (auto pressure control models).
- Three-position foot pedal (increase gas/fill, off, evacuate/decrease gas) (auto pressure control models).
- Input/output port for optional AtmosPure Re-Gen Gas Purifier (auto pressure control models).
- Protector Stainless Steel Double Filtered Glove Boxes have 81.84" of interior working width and four glove ports
- International electrical configuration

Required Accessories

- Adjustable Height Base Stands
- Vacuum source
- Inert gas for filling

Optional Accessories

- AtmosPure Re-Gen Gas Purifier

[Protector Fiberglass Controlled Atmosphere Glove Box](#)



Catalog # 5060010

Region: U.S. and Canada

Filter Type: None

Interior Working Width: 35.0"

Liner Material: Fiberglass

Number of Glove Ports: Two

Power Cord & Plug: North America, 100-115 Volts

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Fiberglass Controlled Atmosphere Glove Box](#)



Catalog # 5060031

Region: International

Filter Type: None

Interior Working Width: 35.0"

Liner Material: Fiberglass

Number of Glove Ports: Two

Power Cord & Plug: British (UK)

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Fiberglass Controlled Atmosphere Glove Box](#)



Catalog # 5060035

Region: International

Filter Type: None

Interior Working Width: 35.0"

[Protector Fiberglass Controlled Atmosphere Glove Box](#)



Catalog # 5060040

Region: International

Filter Type: None

Interior Working Width: 35.0"

Number of Glove Ports: Two
Power Cord & Plug: Schuko
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

[Protector Fiberglass Controlled Atmosphere Glove Box](#)



Catalog # 5060045

Region: U.S. and Canada
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Fiberglass
Number of Glove Ports: Two
Power Cord & Plug: North America, 208-230 Volts
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

[Protector Fiberglass Controlled Atmosphere Glove Box with Auto Pressure Control](#)



Catalog # 5080031

Region: International
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Fiberglass
Number of Glove Ports: Two
Power Cord & Plug: British (UK)
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

[Protector Fiberglass Controlled Atmosphere Glove Box with Auto Pressure Control](#)

Power Cord & Plug: China/Australia
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

[Protector Fiberglass Controlled Atmosphere Glove Box with Auto Pressure Control](#)



Catalog # 5080010

Region: U.S. and Canada
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Fiberglass
Number of Glove Ports: Two
Power Cord & Plug: North America 100-115 Volts
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

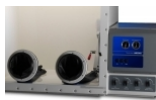
[Protector Fiberglass Controlled Atmosphere Glove Box with Auto Pressure Control](#)



Catalog # 5080035

Region: International
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Fiberglass
Number of Glove Ports: Two
Power Cord & Plug: Schuko
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

[Protector Fiberglass Controlled Atmosphere Glove Box with Auto Pressure Control](#)



Region: International
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Fiberglass
Number of Glove Ports: Two
Power Cord & Plug: China/Australia
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel](#)
[Controlled Atmosphere Glove Box](#)



Catalog # 5060110

Region: U.S. and Canada
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Stainless Steel
Number of Glove Ports: Two
Power Cord & Plug: North America, 100-115 Volts
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

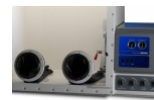
[Protector Stainless Steel](#)
[Controlled Atmosphere Glove Box](#)



Catalog # 5060135

☐ Compare

Region: International
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Stainless Steel
Number of Glove Ports: Two
Power Cord & Plug: Schuko
Primary Application: Atmosphere-sensitive materials



Region: U.S. and Canada
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Fiberglass
Number of Glove Ports: Two
Power Cord & Plug: North America 208-230 Volts
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel](#)
[Controlled Atmosphere Glove Box](#)



Catalog # 5060131

Region: International
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Stainless Steel
Number of Glove Ports: Two
Power Cord & Plug: British (UK)
Primary Application: Atmosphere-sensitive materials
Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel](#)
[Controlled Atmosphere Glove Box](#)



Catalog # 5060140

☐ Compare

Region: International
Filter Type: None
Interior Working Width: 35.0"
Liner Material: Stainless Steel
Number of Glove Ports: Two
Power Cord & Plug: China/Australia
Primary Application: Atmosphere-sensitive materials

[Protector Stainless Steel
Controlled Atmosphere Glove Box](#)



Catalog # 5060145

Region: U.S. and Canada

Filter Type: None

Interior Working Width: 35.0" **Liner**

Material: Stainless Steel **Number of Glove**

Ports: Two **Power Cord & Plug:** North America, 208-230 Volts

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel
Controlled Atmosphere Glove Box
with Auto Pressure Control](#)



Catalog # 5080131

Region: International

Filter Type: None

Interior Working Width: 35.0"

Liner Material: Stainless Steel

Number of Glove Ports: Two

Power Cord & Plug: British (UK)

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel
Controlled Atmosphere Glove Box
with Auto Pressure Control](#)



Catalog # 5080140

Region: International

Interior Working Width: 35.0 **Liner**

Material: Stainless Steel **Number of**

Glove Ports: Two **Power Cord &**

Plug: China/Australia

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel
Controlled Atmosphere Glove Box
with Auto Pressure Control](#)



Catalog # 5080110

Region: U.S. and Canada

Filter Type: None

Interior Working Width: 35.0" **Liner**

Material: Stainless Steel **Number of**

Glove Ports: Two **Power Cord & Plug:** North America 100-115 Volts

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel
Controlled Atmosphere Glove Box
with Auto Pressure Control](#)



Catalog # 5080135

Region: International

Filter Type: None

Interior Working Width: 35.0"

Liner Material: Stainless Steel

Number of Glove Ports: Two

Power Cord & Plug: Schuko

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel
Controlled Atmosphere Glove Box
with Auto Pressure Control](#)



Catalog # 5080145

Region: U.S. and Canada

Interior Working Width: 35.0 **Liner**

Material: Stainless Steel **Number of**

Glove Ports: Two **Power Cord & Plug:**

North America 208-230 Volts

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel Double Controlled Atmosphere Glove Box](#)



Catalog # 5060147

Region: U.S. and Canada

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Number of Glove Ports: Four

Power Cord & Plug: North America, 208-230 Volts

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel Double Controlled Atmosphere Glove Box with Auto Pressure Co](#)



Catalog # 5080112

Region: U.S. and Canada

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Number of Glove Ports: Four

Power Cord & Plug: North America, 100-115 Volts

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel Double Controlled Atmosphere Glove Box with Auto Pressure Control](#)



Catalog # 5080133

Region: International

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Number of Glove Ports: Four

Power Cord & Plug: British (UK)

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel Double Controlled Atmosphere Glove Box with Auto Pressure Control](#)



Catalog # 5080137

Region: International

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Number of Glove Ports: Four

Power Cord & Plug: Schuko

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel Double Controlled Atmosphere Glove Box with Auto Pressure Control](#)



Catalog # 5080142

Region: International

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel Double Controlled Atmosphere Glove Box with Auto Pressure Control](#)



Catalog # 5080147

Region: U.S. and Canada

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Primary Application: Atmosphere-sensitive materials

Product Subcategory: Controlled Atmosphere Glove Box

[Protector Stainless Steel Double
Controlled Atmosphere Glove Box](#)



Catalog # 5060112

Region: U.S. and Canada

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Number of Glove Ports: Four

Power Cord & Plug: North America,
100-115 Volts

Primary Application: Atmosphere-
sensitive materials

Product Subcategory: Controlled
Atmosphere Glove Box

[Protector Stainless Steel Double
Controlled Atmosphere Glove Box](#)



Catalog # 5060137

Region: International

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Number of Glove Ports: Four

Power Cord & Plug: Schuko

Primary Application: Atmosphere-
sensitive materials

Product Subcategory: Controlled
Atmosphere Glove Box

[Protector Stainless Steel Double
Controlled Atmosphere Glove Box](#)



Catalog # 5060133

Region: International

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Number of Glove Ports: Four

Power Cord & Plug: British (UK)

Primary Application: Atmosphere-
sensitive materials

Product Subcategory: Controlled
Atmosphere Glove Box

[Protector Stainless Steel Double
Controlled Atmosphere Glove Box](#)



Catalog # 5060142

Region: International

Filter Type: None

Interior Working Width: 81.84"

Liner Material: Stainless Steel

Number of Glove Ports: Four

Power Cord &

Plug: China/Australia

Primary Application: Atmosphere-
sensitive materials

Product Subcategory: Controlled
Atmosphere Glove Box

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