

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

<https://labconco.nt-rt.ru/> || bon@nt-rt.ru

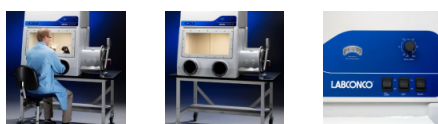


Precise HEPA-Filtered Glove Boxes

Precise HEPA-Filtered Glove Boxes have inlet and outlet HEPA filters and provide a leak-tight physical barrier to protect the operator from hazardous airborne particulates and powders. These boxes have uses in pharmaceutical research, nanotechnology and biochemistry. Microorganisms, low-level radiochemicals, chemical carcinogens and asbestos may also be used in these boxes.

These boxes may be used for cleanroom applications requiring ISO Class 3 (ISO 14644 1) conditions. Labconco HEPA Filtered Glove Boxes may be appropriate for use as containment isolators for applications involving compounds assigned OEB 4 and OEB 5 Banding Levels. Contact your Health and Safety Officer for specific Engineered Containment Device requirements.

These polyethylene-lined ventilated glove boxes feature inlet/outlet HEPA filters to protect the operator from hazardous materials.



Additional Features & Specifications

- One-piece molded, medium-density polyethylene shell.

Labconco recommends this website for a comprehensive listing of chemical resistance data for polyethylene.

- Dry powder epoxy-coated steel superstructure
- 1/4" thick laminated safety glass viewing window, 26.4" wide x 12.5" high, removable for loading equipment, with powder-coated steel frame and neoprene gasket
- Space-saving inner and outer transfer chamber doors that pivot upward, are counterbalanced and equipped with quick-latches
- Black, chemical-resistant work surface sealed to the glove box floor
- Interior ceiling-mounted electrical duplex receptacle with 5 amp maximum circuit load
- Neoprene gloves, size 9 3/4", are included.
- Built-in blower with speed control capable of airflow from 13 CFM to 75 CFM.
- Fluorescent lamp, 22 watts, with easy replacement from the top
- Switches for light, blower and innermost interior electrical receptacle
- Inlet and outlet HEPA filters, 99.99% efficient on 0.3 micron particulates
- Test port for challenging HEPA filter integrity
- Main chamber static pressure gauge for monitoring HEPA filter loading.
- Approximately 13 cubic feet of interior space in main chamber
- 11.0" nominal ID x 12.0" long transfer chamber
- Factory leak tested with a mass spectrometer while glove box is pressurized with helium at 5 inches of water gauge.
- No detectable leaks greater than 1×10^{-3} ml/sec
- Meet Class 1 atmosphere containment conditions for

oxygen leak rates per ISO 10648-2 test method

- Transfer chamber interior interlocking shelf of dry powder epoxy-coated steel
- 0.05 ppm average tracer gas levels or less detected during perimeter scan testing (surpasses ASHRAE 110 standards)
- Airborne particulate cleanliness (measured under positive and negative pressures per ISO 14644-1 test method) exceeds ISO Class 5 conditions (equivalent to Class 100) and achieved ISO Class 3 conditions (equivalent to Class 1) at both minimum and maximum operational airflow volumes
- Vibration less than 1.5×10^{-5} inches displacement measured at the work surface at both minimum and maximum airflow volumes
- ETL listed (115 volt models)
- CE Conformity (230 volt models)

Options

- International electrical configurations

Required Accessories

- Adjustable Height Base Stands
- Base Cabinet
- Work Surface

Optional Accessories

- Acrylic Viewing Window
- Add-A-Valve Kit
- Anti-Static Ionizer Fan
- Balance Vibration Isolator
- Blower Foot Switch
- Complete Valve Set
- Diaphragm Pumps
- Electrical Power Strips
- Exterior Transfer Chamber Shelf
- External Glove Port Covers
- FilterMate Portable Exhausters
- Gloves and Glove Box Accessories
- Hanging Shelf Accessories
- Positive Pressure Conversion Kit
- Recirculation Kit
- Remote Blowers
- Storage Shelf Kits
- Trap Inserts
- Waste Chute

[Precise HEPA-Filtered Glove Box](#)



Catalog # 5220200

Region: U.S. and Canada

Filter Type: HEPA

Interior Working Width: 33.5"

Liner Material: Polyethylene

Number of Glove Ports: Two

Power Cord & Plug: 115 volts, 8
amps

Primary Application: Hazardous
materials

[Precise HEPA-Filtered Glove Box](#)



Catalog # 5220220

Region: International

Filter Type: HEPA

Interior Working Width: 33.5"

Liner Material: Polyethylene

Number of Glove Ports: Two

Power Cord & Plug: 230 volts, 4
amps, no plug

Primary Application: Hazardous
materials

Precise HEPA-Filtered Glove Box



Catalog # 5220221

Region: U.S. and Canada
Filter Type: HEPA
Interior Working Width: 33.5"
Liner Material: Polyethylene
Number of Glove Ports: Two
Power Cord & Plug: 230 volts, 4 amps, no plug
Primary Application: Hazardous materials
Product Subcategory: Filtered Glove Box

Precise HEPA-Filtered Glove Box



Catalog # 5220230

Region: International
Filter Type: HEPA
Interior Working Width: 33.5"
Liner Material: Polyethylene
Number of Glove Ports: Two
Power Cord & Plug: 100 volts, 8 amps
Primary Application: Hazardous materials
Product Subcategory: Filtered Glove Box

Precise HEPA-Filtered Glove Box



Catalog # 5220231

Region: International
Filter Type: HEPA
Interior Working Width: 33.5"
Liner Material: Polyethylene
Number of Glove Ports: Two
Power Cord & Plug: 100 volts, 8 amps
Primary Application: Hazardous materials
Product Subcategory: Filtered Glove Box

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Россия (495)268-04-70

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Казахстан (772)734-952-31

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

<https://labconco.nt-rt.ru/> || bon@nt-rt.ru