Inflatable Glove Chambers

Don't risk product safety—or your own

- Effectively eliminate oxygen and moisture during material manipulation operations
- Establish high-purity working atmosphere in minutes
- Disposable chambers simplify cleanup

An alternative to standard glove boxes—these durable, polyethylene glove chambers are reusable, yet priced to be disposable. Chambers are easy to use—just slide your equipment through the sleeve(s), seal, connect the gas port (accepts ⅜" ID tubing) to your gas supply, and inflate. Models 04408-30, -32, -34, -36, and -38 have a single equipment sleeve and a gas port at the rear of the bag. Model 04408-40 has two equipment sleeves and two rear-mounted gas ports for added versatility.

What's included: one pair of cotton gloves, tubing coupler, and a closure. Order replacement cotton gloves below.

Chamber dimensions (inflated) (L x W x H)	Width of equipment sleeve	Catalog number	Price/ bx of 6
Chambers with one equipment sleeve			
17" x 17" x 11" (43.2 x 43.2 x 27.9 cm)	11½" (29.2 cm)	GY-04408-30	
17" x 27" x 12" (43.2 x 68.6 x 30.5 cm)	22" (55.9 cm)	GY-04408-32	
27" x 27" x 15" (68.6 x 68.6 x 38.1 cm)	22½" (57.2 cm)	GY-04408-34	
27" x 37" x 18" (68.6 x 94.0 x 45.7 cm)	33½" (85.1 cm)	GY-04408-36	
37" x 37" x 25" (94.0 x 94.0 x 63.5 cm)	34½" (87.6 cm)	GY-04408-38	
Chamber with two equipment sleeves			
20" x 20" x 12" (50.8 x 50.8 x 30.5 cm)	12" (30.5 cm)	GY-04408-40	

GY-04408-50 **Replacement gloves,** cotton. Box contains 12 pairs

Pyramid Glove Bag

Set up controlled environments anywhere

- Protects you from hazardous materials
- Saves lab space
- Assembles in minutes

Unit features an 18½" (47 cm) side opening for introduction of materials, a zip lock to ensure airtight sealing, and a port to exhaust/purge gas. Pyramid is constructed from transparent, 250 µm PVC; with frame and 0.2-mm thick butyl gloves.

What's included: ⅛" ID coupler body valved fitting.

Chamber dimensions (W x H x D)	Width of opening	Catalog number	Price
30" x 28½" x 22" (76.2 x 72.4 x 55.9 cm)	18½" (47 cm)	GY-33666-50	

Cole-Parmer® Glove Boxes

Monitor humidity and protect materials—affordably!

- Slanted window eliminates optical distortion
- Spatially efficient with ample working chamber

Use these economical glove boxes on your crowded lab bench or in large walk-in areas. The wide front access door makes loading equipment easy. Clear ¼"-thick acrylic access and pass box doors ensure good visibility. Painted steel construction endures everyday use. The included chamber hygrometer monitors humidity from 20 to 95% RH. Two ball valves are for purging gas.

What's included: hygrometer, two ball valves, and one pair of medium-sized latex gloves.

Specifications

Pass box dimensions (W x H x D): 8⅜" x 8¼" x 8¼" (21.3 x 21.0 x 21.0 cm)
Glove ports: 6" (15.2 cm) dia O-rings
Glove size: 6" (15.2 cm) dia cuffs x 24" (61.0 cm) L
Valve size: ¼" OD

Dimensions		Shpg wt lb (kg)	Catalog number	Price
Chamber (W x H x D)	Access opening (W x H)			
27" x 20" x 20" (68.6 x 50.8 x 50.8 cm)	27" x 17" (68.6 x 43.2 cm)	65 (29.5)	GY-34788-00	
32" x 20" x 24" (81.3 x 50.8 x 61.0 cm)	32" x 20" (81.3 x 50.8 cm)	85 (38.6)	GY-34788-10	

Cole-Parmer®

Accessories

GY-37802-00 **Replacement hygrometer**

GY-34790-80 **Replacement latex gloves,** medium size. Measure 24" (61.0 cm) long with 6" (15.2 cm) cuffs

Compact Glove Box

Minimize cross-contamination

– Easy to move and clean
– Ready access to electric outlets in chamber
– Two-piece glove box is sealed to form an air- and water-tight barrier

Two internal electrical outlets facilitate equipment use. Main chamber utilizes purging for gas exchange, while the transfer chamber can use vacuum/gas fill for quick exchanges through the 9.75" (24.8 cm) opening. The large door is 12" (30.5 cm) in diameter.

What's included: vacuum gauge, hygrometer, one pair of size 9½ latex gloves, and 6-ft (1.8-m) cord with three-prong plug.

Specifications

Transfer chamber (L x ID): 10" x 9¾" (25.4 x 24.8 cm), vacuum capable to max 0.3" Hg
Glove ports: 7" (18 cm) dia
Glove size: 9½; 24" (61.0 cm) L

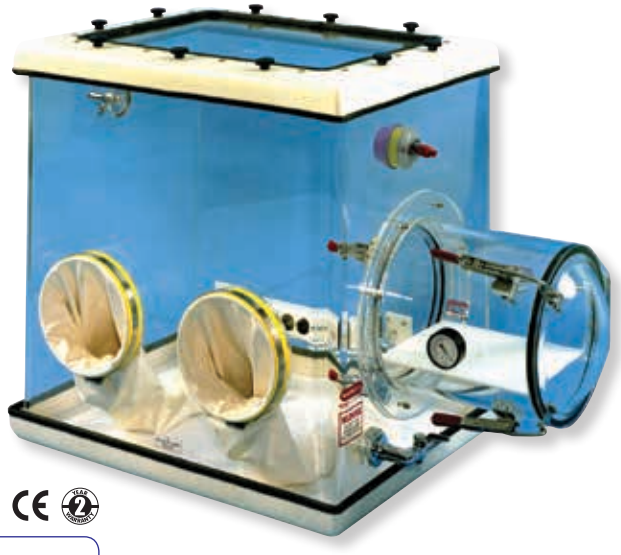
Dimensions (W x H x D)		Power (VAC)	Shpg wt lb (kg)	Catalog number	Price
Chamber	Overall				
31½" x 21½" x 25½" (80.0 x 54.6 x 64.8 cm)	49" x 22" x 29" (124.5 x 55.9 x 73.7 cm)	120	75 (35)	GY-34750-20	
		220		GY-34750-25	

34752-64

GY-34752-64 **Support cart,** stainless steel; non-scuff casters with brakes and locks. Measures 36"W x 34"H x 30"D (91.4 x 86.4 x 76.2 cm)
GY-34750-21 **Replacement gloves,** size 9½. One pair

Compact Glove Boxes/Balance Chambers

Keep hazardous materials contained



– Offers a safe, draft-free, completely contained chamber
– Top section is removable for easy installation of equipment
– Pressure relief valve minimizes glove "fight back"
– Minimizes product degradation caused by moisture absorption

Glove box accommodates most analytical balances, top loaders, bench scales, and moisture analyzers. Transfer chamber features a vacuum gauge and a white leveling tray for transferring liquids through the chamber. HEPA filtration systems, side access doors, and exhaust vents are available as options—contact us for more information.

What's included: one pair of chemical-resistant Hypalon® gloves (order replacement gloves on page 410), four ground key cock valves for purging, and a UL-listed, CSA-certified, 110 VAC (220 VAC for international models) electrical outlet strip (with four outlets).

Specifications

Transfer chamber (L x ID): 12" x 11" (30.5 x 27.9 cm) **Glove size:** 9½; 32" (81 cm) L
Glove ports: 8¾" (22.2 cm) dia

Chamber capacity	Dimensions (W x H x D)		Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
	Chamber	Overall				
11 cu ft	28" x 29" x 23" (71 x 74 x 58 cm)	43" x 31" x 24" (109 x 79 x 61 cm)	120, 60	200 (91)	GY-34752-40	
			220, 50		GY-34752-42	
17 cu ft	35" x 30" x 29" (89 x 76 x 74 cm)	49" x 31" x 30" (125 x 79 x 76 cm)	120, 60	250 (113)	GY-34752-45	
			220, 50		GY-34752-47	

Controlled Atmosphere Glove Boxes

Maintain ideal conditions with the touch of a button

– Don't let reactive components come into contact with samples
– Get more precise work with fluorescent lighting included
– Tight seal and vacuum capable transfer chamber for eliminating contamination

Anaerobic Organism Glove Box

Catalyst heater works in mixed gas chamber environment to remove O_2 and maintain incubation temperature. Recirculating atmosphere through drying train removes moisture and metabolic waste gases.

Temperature and Humidity Controlled Glove Box

Set and monitor chamber temperature and humidity conditions with large 8" (20 cm), color touch screen controller. Controller has four preset conditions, password protection, 24-hour on-screen event data logging, and a DB15 serial port for documentation.

Specifications

Transfer chamber (L x ID): 12" x 11" (30.5 x 27.9 cm)
Glove ports: 8¾" (22.2 cm) dia stainless steel O-rings
Glove size: 9½; 32" (81.3 cm) L

Temperature and humidity model only
Temperature range: 16 to 44°C
Temperature control accuracy: ±1°C
Humidity range: 1 to 80% relative humidity (RH)
Humidity control accuracy: ±2% RH

Dimensions (W x H x D)		Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
Chamber	Overall				
Anaerobic organism glove box					
41" x 26" x 28" (104.1 x 66.0 x 71.1 cm)	55" x 38" x 35" (139.7 x 96.5 x 88.9 cm)	110, 60	250 (113)	GY-34750-10	
		220, 50		GY-34750-15	
Temperature and humidity controlled glove box					
41" x 26" x 28" (104.1 x 66.0 x 71.1 cm)	55" x 38" x 35" (139.7 x 96.5 x 88.9 cm)	110, 60	250 (113)	GY-34750-40	
		220, 50		GY-34750-45	

Controlled Atmosphere Glove Box

Keep your samples contaminant-free

– Meets Class I atmosphere containment conditions for oxygen leak rates
– Easily transfer equipment through removable window cutout
– Vacuum-capable transfer chamber eliminates contamination
– Maintain desired pressure with gauges on main and transfer chambers

Interior ceiling-mounted electrical duplex receptacle has a 5-amp maximum load, and the fluorescent lamp is easily replaced from the top of the unit. The black, chemical-resistant work surface is sealed to the glove box floor for easy cleanup. Requires a supporting base stand (order online), vacuum source for purging, and inert gas for filling.

Glove box 34762-00 shown with mobile base stand 34762-95

ISO 9001:2008 CERTIFIED SUPPLIER CE

Liner material	Dimensions			Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
	Working chamber (W x H x D)	Transfer chamber (L x dia)	Overall (W x H x D)				
Medium-duty polyethylene	33½" x 25" x 27½" (85.1 x 63.5 x 69.9 cm)	12" x 11" (30.5 x 27.9 cm)	52¾" x 40" x 31" (134.0 x 101.6 x 78.7 cm)	115, 60	260 (118)	GY-34762-00	
				230, 50		GY-34762-05	

Glove Box Accessories

Gloves

Hypalon gloves resist ozone and oxidizing chemicals. Butyl gloves are highly impermeable to water vapor and toxic chemicals. All gloves are one-piece seamless, 0.015 gauge, come with O-rings, and fit 8" (20 cm) to 8¾" (22 cm) openings.

Key	Type	Size	Length		Catalog number	Price/pr
A	Hypalon	8½	30"	76.2 cm	GY-34760-62	
		9¾			GY-34760-63	
B	Butyl	8½	30"	76.2 cm	GY-34760-60	
		9¾			GY-34760-61	
C	Neoprene	8½	30"	76.2 cm	GY-09112-12	
		9¾			GY-09112-13	

Sleeves and Hands

Order sleeves and interchangeable hands for greater versatility. Sleeves include O-rings and a spring. Order sleeves and hands separately.

Sleeves

Key	Style	Type	Length	Opening size	Catalog number	Price/pr
D	Accordion	Neoprene	24" (61 cm)	8 to 8¾" (20 to 22 cm)	GY-09112-19	
E	Straight		28" (71 cm)		GY-09112-18	

Hands

Key	Type	Size	Gauge	Catalog number	Price/pk of 12 pr
F	Latex	7	0.009	GY-09112-27	
		9		GY-09112-28	