

Application/Selection Guide

Inflatable Glove Bags 875

Used to protect moisture- or oxygen-sensitive materials during brief manipulation operations (e.g. weighing). Provides minimal user protection from materials which permeate polyethylene or are emitted through access opening; use in a fume hood is suggested to improve safety as needed.

Basic Glove Boxes 876-877

Provide draft-free environment and short-term protection for materials from outside atmosphere. Some models are designed for reduction of oxygen and moisture. Can offer limited user protection from volatile materials. Selection considerations include design ability to establish/maintain controlled environment, cleaning ease, footprint, ability to transfer materials during glove box operation, and materials of construction.

Controlled Atmosphere Glove Boxes 877-879

Designed to remove a high percentage of air to protect moisture and/or oxygen sensitive materials, typically using vacuum/nitrogen fill cycling. Models for handling anaerobic organisms typically require use of a gas mixture. Higher quality boxes may feature robust materials and construction to resist solvent attack and gas leakage, or atmospheric recirculation to remove trace oxygen, moisture, or metabolic by-products.

Biohazard, and Multihazard Glove Boxes 878-880

Primarily designed to protect the operator. Protection from biological hazards is accomplished using HEPA filtration and possible outside ventilation. High quality boxes may also utilize inlet particulate filtration, media to absorb volatile organics, and exacting pressure control to maximize operational integrity and operator safety.

Glove Bag™ Inflatable Glove Chambers

Protect yourself and your materials quickly without giving up lab space

- 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 3/8" 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.



04408-32

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

Catalog number	Chamber dimensions (inflated) (L x W x H)		Equipment sleeve width	Price/ box of 6
Chambers with one equipment sleeve				
T-04408-30	17" x 17" x 11"	43.2 x 43.2 x 27.9 cm	11½"	29.2 cm
T-04408-32	17" x 27" x 12"	43.2 x 68.6 x 30.5 cm	22"	55.9 cm
T-04408-34	27" x 27" x 15"	68.6 x 68.6 x 38.1 cm	22½"	57.2 cm
T-04408-36	27" x 37" x 18"	68.6 x 94.0 x 45.7 cm	33½"	85.1 cm
T-04408-38	37" x 37" x 25"	94.0 x 94.0 x 63.5 cm	34½"	87.6 cm
Chamber with two equipment sleeves				
T-04408-40	20" x 20" x 12"	50.8 x 50.8 x 30.5 cm	12"	30.5 cm
Chambers with handy-glide closures—zip up to close completely				
T-04408-52	17" x 17" x 11"	43.2 x 43.2 x 27.9 cm	10"	25.4 cm
T-04408-54	17" x 27" x 12"	43.2 x 68.6 x 30.5 cm	18¾"	47.6 cm
T-04408-56	27" x 27" x 15"	68.6 x 68.6 x 38.1 cm	22½"	57.2 cm
T-04408-58	27" x 37" x 18"	68.6 x 94.0 x 45.7 cm	33½"	85 cm
T-04408-60	37" x 37" x 25"	94.0 x 94.0 x 63.5 cm	33½"	85 cm

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

Captair® Pyramid Glove Bag

Easily set up a controlled environment wherever you need it

- Protects you from hazardous materials
- Saves lab space

Set up this airtight pyramid glove bag to provide a controlled environment for user protection and still-air material handling. Easily transport the lightweight, self-supporting pyramid to any location and assemble in minutes.

Unit features an 18 1/2" (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.



33666-50

What's included: 1/8" ID coupler body valved fitting.

Catalog number	Chamber dimensions (W x H x D)	Width of opening	Price
T-33666-50	30" x 28 1/2" x 22"	76.2 x 72.4 x 55.9 cm	18 1/2" 47 cm

Benchtop Fume Hoods

- Space-saving design for light-duty use

For our line of fume hoods, including benchtop, ducted, ductless, and biohazard cabinets, see pages 948-974.



33730-10

Catalog number	Description	Dimensions (W x H x D)	Power VAC Hz	Price
LG-33730-00	Ducted	24" x 24" x 15"	115 60	
LG-33730-05		(61.0 x 61.0 x 38.1 cm)	220 50	
LG-33730-10	Ductless	24" x 24" x 15"	115 60	
LG-33730-15		(61.0 x 61.0 x 38.1 cm)	220 50	