

Vacuum Desiccator, PC

Won't shatter

- Easily view samples through transparent material
- No need to grease silicone O-ring
- Holds maximum vacuum of 28" Hg for 24 hours
- Order desiccator plate separately



Vacuum Desiccators, PP/PC

No need for grease

- Maximize interior space with high crowned lid
- Control vacuum draw via stopcock, holds 29" Hg for 24 hours
- Includes perforated plate
- Room temperature use only—do not autoclave



Plate dia (mm)	Total height (mm)	Clearance above plate (mm)	Qty/pk	Catalog number	Price/pk
230	330	195	1	GY-06520-05	

[GY-06521-00](#) Desiccator plate; ceramic metal, 230 mm dia

[GY-06520-06](#) Replacement stopcock

Plate dia (mm)	Total height (mm)	Clearance above plate (mm)	Qty/pk	Catalog number	Price/pk
140	206	122	1	GY-06514-10	
190	260	157		GY-06514-20	
230	311	198		GY-06514-30	

Large-Capacity Vacuum Desiccator, PC

Store four times more than other desiccators

- Remains airtight even if not under pressure for extended period
- Holds maximum vacuum of 29" Hg at room temperature for 24 hours
- Maximize storage with two polypropylene sleeves, or remove for awkward items
- Halves nest inside each other for easy storage



Vacuum Desiccators, Glass

Pull more vacuum

- Holds maximum vacuum of 29.9" Hg
- No need for grease to create tight seal
- Order desiccator plate separately

Warning: Do not heat or subject to pressure.



Plate dia (mm)	Bowl capacity	Total height (mm)	Clearance above plate (mm)	Catalog number	Price
140	2400 mL	239	81	GY-34548-27	
190	5800 mL	296	115	GY-34548-28	
230	10,500 mL	344	120	GY-34548-29	

[GY-06518-30](#) Desiccator plate; porcelain, 140 mm dia

[GY-06518-40](#) Desiccator plate; porcelain, 190 mm dia

[GY-06518-50](#) Desiccator plate; porcelain, 230 mm dia

Holding capacity	Inside dia	Total height	Catalog number	Price
65 L (4000 cu. in.)	20" (50.8 cm)	18" (45.7 cm)	GY-06514-50	

[GY-06514-51](#) Vacuum pressure indicator. Plastic bellows type; no tools needed to install

[GY-06514-52](#) Replacement stopcock

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Desiccators

Round Vacuum Desiccators

Know your vacuum level
via analog gauge

NEW

- Get vacuum results with Viton® three-way valve
- Maintain 29" Hg vacuum for over 72 hours at room temperature
- Maintain leakproof vacuum with silicone O-ring
- Keep lid secure with included locking ring

What's included: perforated plate or shelves, desiccant tray, analog vacuum gauge, and three-way valve.



Chamber volume cu ft (L)	Interior height	Clearance above plate (mm)	Clear		Amber	
			Cat. no.	Price	Cat. no.	Price
0.2 (6)	8¾"	165	GY-08909-05		GY-08909-07	
0.4 (10)	10¾"	213	GY-08909-09		GY-08909-11	
0.7 (20)	13¾"	254	GY-08909-13		GY-08909-15	

Cole-Parmer® Desi-Vac™ Containers, PC

Easily remove air with
built-in pump

- Get tight seal, maintains vacuum >200" H₂O
- Easily release vacuum via quick release button
- Ideal for airtight sample storage



Cole-Parmer®

Self-contained polycarbonate containers are ideal for drying, preserving, storing, and shipping samples. Built-in vacuum pump removes air via manual strokes. Rubber O-ring ensures a tight seal and maintains a vacuum of >200" H₂O (14.7" Hg) for over 24 hours. Quick-release button allows air back into unit to remove the lid.

Volume	Dimensions (L x W x H)	Catalog number	Price
700 mL	4¾" x 4½" dia (12.1 cm x 10.4 dia cm)	GY-06525-02	
1500 mL	7½" x 4½" dia (18.1 cm x 10.4 dia cm)	GY-06525-06	
3000 mL	8½" x 6½" x 7" (21.6 x 16.5 x 17.8 cm)	GY-06525-08	

Cole-Parmer® Desiccators, PP/PC

Secure, tight seal

- Neoprene O-ring provides tight seal—add grease for complete air tight storage
- Perforated plate holds samples above desiccant
- Chemical resistant body (PP), and polycarbonate cover



Desiccator has a chemical-resistant polypropylene (PP) body and polycarbonate (PC) cover. A neoprene O-ring offers a secure seal. Use grease on the flanges to make the unit completely airtight. Includes PP plate.

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Plate dia (mm)	Total height (mm)	Clearance above plate (mm)	Catalog number	Price
138	204	123	GY-06525-22	
190	257	166	GY-06525-24	
248	315	207	GY-06525-26	

Static-Free Desiccators

Don't let static ruin equipment

- Withstands static build-up with stainless steel, neoprene, and glass construction with static dissipative film
- Prevent static discharge with grounding plug when humidity falls below 40%
- Maximize storage space with adjustable shelves

What's included: two shelves, pressure relief valve, and a grounding plug.



Chamber volume	Dimensions (W x H x D)		Catalog number	Price
	Interior	Overall		
3.2 cu ft	19½" x 9½" x 18½" (48.5 x 24.1 x 47.9 cm)	21¾" x 12" x 21" (55.2 x 30.5 x 53.3 cm)	GY-24000-00	
6.4 cu ft	19½" x 21½" x 18½" (48.5 x 54.6 x 47.9 cm)	21¾" x 24" x 21" (55.2 x 61.0 x 53.3 cm)	GY-24000-10	

GY-24000-50 Replacement shelf. Fits both models; measures 19½"W x 18½"D (48.5 x 47.9 cm)

GY-07193-02 Mini-dehumidifier designed for static absorption of moisture in closed containers; measures 6½" x ½" dia (16.5 x 1.3 cm)

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Vacuum Desiccator Cabinets

Optimize vacuum with one-piece molded design

- Get vacuum results with Viton® three-way valve
- Maintain 29" Hg vacuum for over 72 hours at room temperature
- Configurable to your samples with adjustable shelves
- Verify the vacuum pressure with included vacuum gauge

NEW



What's included: perforated plate or shelves, desiccant tray, analog vacuum gauge, and three-way valve.

Chamber volume cu ft (L)	Dimensions (W x H x D)		Shelves Included/Max	Clear		Amber	
	Interior	Overall		Catalog number	Price	Catalog number	Price
0.4 (11)	9 ¹ / ₈ " x 9 ³ / ₈ " x 10"	12 ⁵ / ₈ " x 10 ⁵ / ₈ " x 11 ¹ / ₄ "	2/4	GY-08909-16		GY-08909-17	
0.8 (23)	13 ⁵ / ₈ " x 9 ⁵ / ₈ " x 14 ³ / ₈ "	16 ¹ / ₂ " x 11" x 15 ⁵ / ₈ "	2/4	GY-08909-18		GY-08909-19	
1.2 (35)	14" x 13 ⁵ / ₈ " x 14 ⁷ / ₈ "	16 ¹ / ₂ " x 15" x 15 ⁵ / ₈ "	3/5	GY-08909-21		GY-08909-22	
1.6 (45)	14" x 17 ¹ / ₂ " x 14 ³ / ₄ "	16 ¹ / ₂ " x 19 ³ / ₈ " x 15 ⁵ / ₈ "	3/6	GY-08909-23		GY-08909-24	

Portable Desiccator Cabinets

Versatile units are horizontally or vertically configured

- Reduces humidity to <25% for dryer storage
- Monitor humidity level with built-in hydrometer

Basic Desiccator Cabinets provide resistance to staining and crazing. Crystal polystyrene shelves are perforated for maximum air circulation.

Autodesiccator Cabinets have the same features as basic desiccator cabinets, plus completely automatic, continual desiccation capabilities. Autodesiccator cabinets regenerate every 20 minutes to ensure constant RH levels. Two fans supply continuous air flow within the cabinet and continuously exhaust humid air.



Chamber volume	Orientation	Number of			Overall dimensions (W x H x D)	Power (VAC)	Catalog number	Price
		Latches	Shelves	Positions				
Basic desiccator cabinets								
0.75 cu ft	Horizontal	1	1	1	13½" x 8½" x 16½" (34.3 x 21.6 x 41.9 cm)	—	GY-08909-06	
2.0 cu ft	Vertical	2	3	4	13½" x 20½" x 16½" (34.3 x 52.1 x 41.9 cm)		GY-08909-08	
Autodesiccator cabinets								
2.0 cu ft	Vertical	2	3	4	13½" x 24" x 16" (34.3 x 61.0 x 40.6 cm)	115	GY-08909-20	
						220	GY-08909-25	
2.0 cu ft	Horizontal	2	2	2	20½" x 13½" x 16½" (52.1 x 34.3 x 41.9 cm)	115	GY-08909-30	
						220	GY-08909-35	

Desiccator Cabinets

No need to open door to view samples

- Choose the best orientation—vertical or horizontal
- Stack up to five units (non-electric, stacking)

Non-Electric Desiccator Cabinets feature adjustable vented shelves and desiccant tray. Models 08909-50 and 08909-52 also feature a built-in hygrometer for monitoring humidity levels

Electronic Auto-Desiccator Cabinets feature a permanent desiccant which automatically regenerates for worry-free storage or drying. The horizontal and vertical models are made of clear acrylic. The Dry-Keeper Plus vertical cabinet is made from nontransparent, insulated ABS plastic.



Stacking non-electric desiccator 08904-00

Chamber size	Orientation	Dimensions (W x H x D)	Power (VAC, Hz)	Catalog number	Price
Non-electric desiccator cabinets					
2.08 cu ft	Horizontal	19½" x 13¾" x 15½" (49.8 x 34.9 x 39.4 cm)	—	GY-08909-50	
2.01 cu ft	Vertical	12½" x 20" x 15½" (31.8 x 50.8 x 39.4 cm)		GY-08909-52	
0.35 cu ft	Stacking	10" x 10" x 10" (25.4 x 25.4 x 25.4 cm)		GY-08904-00	
Electronic auto-desiccator cabinets					
2.01 cu ft	Horizontal	24½" x 13¾" x 15½" (62.2 x 34.9 x 39.4 cm)	120, 60	GY-08909-60	
2.08 cu ft	Vertical	12½" x 20" x 15½" (31.8 x 50.8 x 39.4 cm)		GY-08909-62	
1.2 cu ft	Dry-Keeper Plus Vertical	12" x 13¾" x 17" (30.5 x 35.2 x 43.2 cm)		GY-08909-64	

Desiccators

Stackable Acrylic Desiccators with Sliding Trays

No messy spills

- Deep trays keep samples secure
- No lubrication needed with airtight doors
- Use in refrigerators or freezers for temperature-sensitive samples

Models 08933-00 and -10 feature transparent acrylic walls for easy viewing of contents. Desiccators provide dry, dust-free storage to 100°F (38°C).

What's included: two extra-deep sample trays and a desiccant tray.

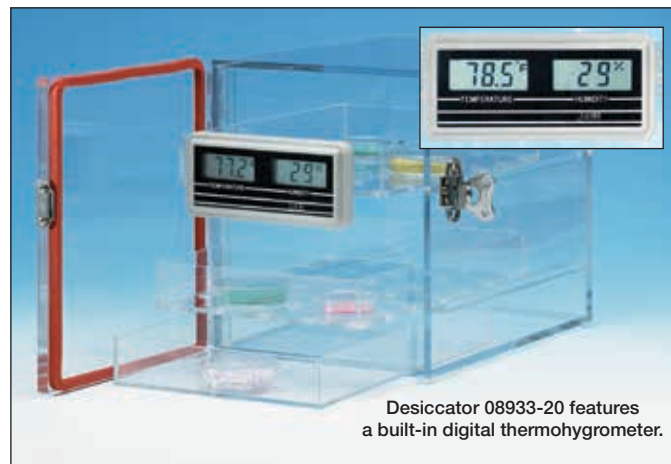
Models 08933-20 and -30 have all the features of the desiccators above plus a built-in thermohygrometer. Thermohygrometer has a temperature range of -58 to 158°F (-50 to 70°C) with a ±1.8°F accuracy up to 104°F (40°C) and a humidity range of 20 to 95% with a ±5% accuracy.

What's included: a thermohygrometer with LCD, two AAA alkaline batteries, two extra-deep sample trays, and a desiccant tray.

Dimensions (W x H x D)		Catalog number	Price	Replacement shelves	
Interior	Overall			Cat. no.	Price
Desiccators without thermohygrometer					
7" x 8½" x 10"	7½" x 9½" x 10½"	GY-08933-00		GY-08933-50	
9" x 10½" x 16"	9½" x 11½" x 17½"	GY-08933-10		GY-08933-60	
Desiccators with built-in thermohygrometer					
7" x 8½" x 10"	7½" x 9½" x 11½"	GY-08933-20		GY-08933-50	
9" x 10½" x 16"	9½" x 11" x 18½"	GY-08933-30		GY-08933-60	

[GY-09376-00](#) Replacement batteries, AAA. For thermohygrometer in models 08933-20 and -30. Pack of 12

[GY-17030-20](#) NIST-traceable calibration for thermohygrometers



Desiccator 08933-20 features a built-in digital thermohygrometer.

Digital Temperature/Humidity Data Logger

Keep track of temperature and humidity data for months with this RH/TempLog data logger! Logger holds up to 130,000 readings on selectable intervals. Built-in clock and calendar track your data in real time.



Description	Cat. no.	Price
Data logger	GY-18003-60	

Stackable Acrylic Desiccator Cabinets with Gas Ports

Create oxygen-free or inert gas atmosphere

- Keep humidity levels in check with built-in hygrometer
- Get full access to interior with fully removable door
- Protect light sensitive samples with amber-colored units
- Customize interior with adjustable shelves

These heavy-duty desiccators are made of ¼"-thick acrylic for durability. Resilient, closed-cell PVC gaskets prevent system leaks. Temperature range is 40 to 120°F (4 to 49°C). All models feature two gas ports—¼" hose barb inlet; ¼" hose barb outlet. Models 08900-54 thru -64 have a nonremovable divider separating the chamber into two separate cubicles.

Note: Not designed for vacuum use.

What's included: a hygrometer and shelves (models 08900-50 and -52 include two shelves; will hold five shelves. Other models include four shelves; will hold 10).

Cabinet color	Dimensions (W x H x D)		Catalog number	Price	Additional shelves	
	Interior	Overall			Cat. no.	Price
Clear	11½" x 11½" x 11½"	12" x 12" x 12"	GY-08900-50		GY-08900-80	
Amber	(29.2 x 29.2 x 29.2 cm)	(30.5 x 30.5 x 30.5 cm)	GY-08900-52		GY-08900-81	
Clear	11½" x 23½" x 11½"	12" x 24" x 12"	GY-08900-54		GY-08900-80	
Amber	(29.2 x 59.7 x 29.2 cm)	(30.5 x 61.0 x 30.5 cm)	GY-08900-56		GY-08900-81	
Clear	17½" x 17½" x 17½"	18" x 18" x 18"	GY-08900-58†		GY-08900-82	
Amber	(44.5 x 44.5 x 44.5 cm)	(45.7 x 45.7 x 45.7 cm)	GY-08900-60†		GY-08900-83	
Clear	23½" x 23½" x 17½"	24" x 24" x 18"	GY-08900-62†		GY-08900-84	
Amber	(59.7 x 59.7 x 44.5 cm)	(61.0 x 61.0 x 45.7 cm)	GY-08900-64†		GY-08900-85	

†Must be shipped motor freight.

[GY-06406-64](#) FEP tubing, ⅛" ID. Pack of 25 feet

[GY-31501-40](#) Nylon pipe adapter connects tubing to inlet port. ⅛" NPT(F) x ⅛" tubing ID. Pack of 2

[GY-31501-41](#) Nylon pipe adapter connects tubing to outlet port and inlet tubing to regulator; ¼" NPT(F) x ⅛" tubing ID. Pack of 25



08900-52 Amber colored desiccators protect light-sensitive compounds from ultraviolet light.

Electronic Desiccator Cabinets with Built-In Hygrometer

Don't keep replacing desiccant

- Automatic regeneration of desiccant every five hours
- No wasted space—desiccant housed in side mount box for more sample space
- Sturdy, stainless steel and glass construction
- Monitor humidity with included hygrometer



Dimensions (W x H x D)		Power (VAC, Hz)	Catalog number	Price
Interior	Overall			
Electronic desiccator cabinet with flexboard shelves				
11½" x 12" x 10"	16" x 12¼" x 12½"	115, 60	GY-08901-20	
(29.2 x 30.5 x 25.4 cm)	(40.6 x 31.1 x 31.8 cm)	230, 50	GY-08901-25	
Electronic desiccator cabinets with stainless steel shelves				
11½" x 12" x 10"	16" x 12¼" x 12½"	115, 60	GY-08901-30	
(29.2 x 30.5 x 25.4 cm)	(40.6 x 31.1 x 31.8 cm)	230, 50	GY-08901-35	
15¾" x 21¾" x 19¾"	20½" x 22¼" x 23"	115, 60	GY-08901-40	
(40.0 x 55.2 x 50.2 cm)	(52.1 x 56.6 x 58.4 cm)	230, 50	GY-08901-45	

Glass/Stainless Steel Desiccators

Keep samples secure with double-action lock

- Equalize pressure with manual pressure release valve

Airtight, leakproof door has double-action lock, one-piece neoprene gasket, and full-length hinge. Manual pressure relief valve lets you equalize internal and external pressure when opening door. SS desiccant tray holds one pound of desiccant.



Description	Dimensions (W x H x D)		Catalog number	Price
	Interior	Overall		
Desiccator with two flexboard shelves	11½" x 12" x 10" (29.2 x 30.5 x 25.4 cm)	12½" x 12¼" x 12½" (31.8 x 31.1 x 31.8 cm)	GY-08901-50	
Desiccator with two stainless steel shelves	11½" x 12" x 10" (29.2 x 30.5 x 25.4 cm)	12½" x 12¼" x 12½" (31.8 x 31.1 x 31.8 cm)	GY-08901-60	

Desiccator Accessories

Vacuum Grease

- Nonoxidizing and nongumming
- Maintains consistency from -40 to 500°F
- Silicone lubricant



Description	Size	Cat. no.	Price
Vacuum grease	5.3 oz	GY-79751-30	

Desiccator Plates

Porcelain Plates are glazed on one side, have 5-mm perforations, and a 7/8" center hole.

Ceramic-Metal Composite Plate has better thermal-shock resistance than porcelain. Plate features numbered quadrants, 24 holes, and a 7/8" center hole. Corrosion resistant, fire-polished nonstick surface.



Ceramic-metal

Material	Plate dia	Catalog number	Price
Porcelain	140 mm	GY-06518-30	
	190 mm	GY-06518-40	
	230 mm	GY-06518-50	
Ceramic-metal	230 mm	GY-06521-00	

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Desiccating Products

Drying Column

- Absorb up to 50 g of moisture
- Polycarbonate column dries to dew point of -100°F (38°C) at up to 90 psi
- Accept ¼" to ¾" ID tubing



Description	Desiccant	Cat. no.	Price
Drying column	8 mesh	GY-07193-00	

Low-Cost Gas Purifier

- Removes moisture, oil, and impurities from gases before analysis
- Absorbs up to 75g of moisture
- ⅛" Swagelok® fittings on ⅛" NPT(F) ports



Description	Desiccant	Cat. no.	Price
Gas purifier	8 mesh and 5 Å molecular sieve	GY-01418-50	

GY-01418-60 Refill kit, 250 mL of Drierite desiccant and 250 mL of 5 Å molecular sieve

Drying Tubes

- Dry to dew point of -100°F (-73°C)
- Absorb up to 3 g of moisture
- Accept ¼" to ¾" ID tubing



Description	Desiccant	Cat. no.	Price
Drying tubes	10- to 20-mesh	GY-08903-00	

Desiccators

High-Absorption Desiccant/Purifier

Absorbs 107% of its weight

This indicating desiccant (alumina silicate) dries to a dew point of -100°F (-38°C). It reduces moisture in air or gas to 17% in a room with a temperature of 70°F (21°C) and relative humidity of 40%. Desiccant can be repeatedly reactivated in a furnace, dehumidifier, or microwave oven.



Desiccant 24450-00 starts out tan, then turns brick red when saturated.

Packaging	Mesh size	Cat. no.	Price
1 lb bottles		GY-24450-00	
5 lb bag	4 to 8 mesh	GY-24450-10	
55 lb bag		GY-24450-20	

Desiccants

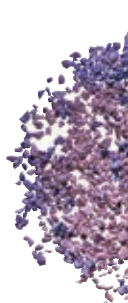
Use wherever you need it

Use Drierite desiccants (anhydrous calcium sulfate) in desiccators, drying columns, or drying tubes. Choose indicating or non-indicating desiccant—indicating desiccant starts blue, then turns pink when regeneration or renewal is necessary.

Packaging	Mesh size	Cat. no.	Price
Indicating Drierite desiccant†			
1 lb pks		GY-07193-05	
5 lb pks	8 mesh	GY-07193-15	
25 lb can		GY-07193-18	
Nonindicating Drierite desiccant‡			
1 lb pks		GY-07193-20	
5 lb pks	8 mesh	GY-07193-25	
25 lb can		GY-07193-30	

†Drying capacity is 10 to 14% of its weight for water and gases.

‡Drying capacity is 6% of its weight for water and gases.



07193-05

Cole-Parmer® Humidity Sponges™

Reusable for less waste

- Bags result in 37% moisture absorption
- Indicators show when moisture capacity has been reached

Humidity sponges meet all drying requirements. One bag will retain 16% moisture in a container with a volume of two gallons (476 cu. in.) The sponges are non-toxic and are Class M3.5 cleanroom-compatible.



Cole-Parmer®

Model 07193-11 has one side of clear film and one side white Tyvek® and contain a blue indicating gel that turns pink when desiccant has reached maximum capacity, needs to be replaced, and cannot be regenerated.

Model 07193-13 has Tyvek on both sides and may be regenerated in a 220°F oven and reused repeatedly. A relative humidity card is included in each pack to show when bags need to be regenerated.

Description	Dimensions	Catalog number	Price/pk of 40
Indicating sponge	3" x 3" x 1/4"	GY-07193-11	
Regenerable sponge	(7.6 x 7.6 x 0.6 cm)	GY-07193-13	

Cole-Parmer® Desiccant-Filled Plates

No more bulk desiccant

Clear polystyrene plates let you visually inspect for color changes from blue to pink as it absorbs moisture. Regenerate desiccant by heating plates in a 122°F (50°C) oven overnight. Plates are individually sealed.



Cole-Parmer®

Description	Dimensions	Catalog number	Price/pk of 6
Desiccant plates	100 mm dia x 11 mm H 65 mm dia x 14 mm H	GY-07193-90 GY-07193-95	

Reusable Desiccant Canister

No more loose desiccant

The blue silica gel inside the canister absorbs moisture through perforations in the aluminum case. A window in the canister lets you know when desiccant needs regeneration—it turns pink when saturated. Regenerate in a 300°F (150°C) oven for three hours.



Description	Dimensions (W x H x D)	Catalog number	Price
Desiccant canister	2" x 4" x 1/2" (5.1 x 10.2 x 1.3 cm)	GY-07193-91	

Desiccant Bags

Protect for months

- Reduces the humidity to a 100°F (38°C) dew point in 10 hours

- Materials packaged with these bags are protected from corrosion

These nonwoven crepe bags are filled with Drierite (anhydrous calcium sulfate) to completely dry the air within a package or container during shipment or storage. Bags are sturdy and held together by heat seals. Drierite bags perform well in elevated temperatures and will not release absorbed moisture at less than 350°F (177°C).



Bag volume	Vol. of moisture tight container		Dimensions	Bags/pk	Catalog number	Price
	Cu ft	Cu in.				
3 grams	0.13	228	2" x 3 3/4"	750	GY-07193-04	
6 grams	0.25	456	2" x 3 3/4"	750	GY-07193-06	
1 ounce	1.25	2160	3 3/4" x 4"	200	GY-07193-08	
2 ounces	2.5	4320	3 3/4" x 4 3/4"	400	GY-07193-16	
4 ounces	5	8640	3 3/4" x 6 1/4"	200	GY-07193-12	
8 ounces	10	17280	5 3/4" x 6 1/4"	100	GY-07193-14	