

CHAMBERS AND GLOVE BOXES

Acrylic Desiccator Cabinets

(Refer to page 33 for complete list of sizes.)

Clear and Light Sensitive Units.

Our Desiccators are designed to protect, store, or assist in transporting critical materials and prevent their contamination.

They are dust and moisture free cabinets that safeguard valuable research specimens or sensitive electronic components. You may easily observe the status of your components without opening the door.

Under a slight positive N₂ charge they prevent moisture from penetrating the molecular structure of stored components.

Amber colored units “CGA” are very effective for protection from harmful U.V. rays for light sensitive components.

NOTE: #861-CG and #861-CGA doors open from the side. All other models open from the top and bottom.

Features Include:

- Units are all stackable with non-slip “grip tight” feet.
- Standardized construction means interchangeable shelves.
- All shelves have perforated slots (holes) for optimum gas circulation.
- All Desiccators with two or more cubicles have a built in divider for added strength.
- Units are constructed of optically clear “jeweled” acrylic.
- Slip-a-part hinges are standard.
- Sealing clamps are springloaded for uniform locking tension.
- Built in hygrometer (Rh) gauge.
- All units have “door guards” to prevent warping and possible loss of internal atmosphere.
- Closed cell gasketing does not take a set.
- All shelves spaced at 2” (50.8 mm).
- Special “gasket guard system” prevents gaskets from taking a set and causing a leak.
- Each cubicle includes two (2) Nylon gas serrated nipples 1/8” & 1/4” (90 degree elbows with hose barbs).

861-CG/NS

860-CGA/NS

863-CG/NS

860.5-CG/NS



Stackable Desiccators

The 860-CG/NS and 860.5-CG/NS are stackable with non-slip “grip tight” feet.

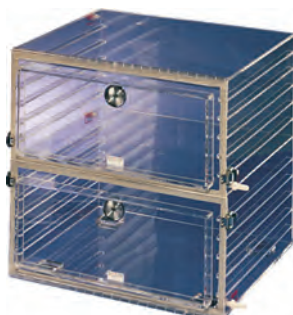
Machined slots on top of the desiccators accompany the “grip tight” feet mounted on the bottom.



860-CGB/NS, Black Acrylic Desiccators



863-CGA/NS



862-CG/NS



860.5/CGA/NS



860-CG/NS

862-CG/NS

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Multiple Cubicle Desiccator Cabinets

(Refer to page 33 for complete list of sizes.)

These multiple cubicle desiccator storage cabinets are much safer than individually stacked units. All of these storage units are mounted on stainless steel support carts (trolleys) with casters and remain stable during transportation.

Transparent amber colored units provide U.V. protection for light sensitive materials.

Three (3) standard sizes are available and custom fabrication is welcomed.

Benefits of the storage cabinets:

- Complete visibility of stored contents.
- Unitized construction eliminates “tip overs”.
- Safe air tight storage of critical components.
- U.V. degradation is eliminated using amber units.
- Easy to transport from lab to lab.
- Ideal for Clean Room applications.
- Moisture sensitivity problems are eliminated.

What’s included with desiccator storage cabinet:

- Standard 24 month warranty.
- Clear or amber models.
- Unitized construction for greater durability and strength.
- Two (2) shelves with slots included per cubicle
- Two (2) Nylon gas nipples included per cubicle.
- Stainless steel support frames (trolleys) with casters, brakes and locks.
- Interior volume of each individual cubicle is 3.8 Cu. Ft (107 L).
- Closed cellular (one piece) gasket.
- All doors have “anti-warp” framework and heavy duty “swell” latches.
- Exterior rear plenum with flow meter.

Optional accessories (Refer to Accessories Section).

- Controlled Purge System, Catalog #800-CPS.
- Pressure relief valve, Catalog #800-PRV.
- Additional shelves.
- “Anti-Sag” supports allow for extra weight capacity.
- Extra desiccant storage trays.
- Small or large flow meters.

NOTE: Interior dimensions of all cubicles are 23.5” x 23.5” x 11.75” h (596 mm x 596 mm x 298 mm h).

All door openings are 22.50” x 9.25” h (570 mm x 235 mm h).



860-CGA/10/NS



860-CG/8/NS



860-CG/4/NS & 860-CG/3/NS



860-CG/6/NS

Refer to page 33 for a complete list of desiccator part numbers and dimensions.

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Stainless Steel Desiccators

We are pleased to offer various sizes of heavy duty stainless steel desiccator cabinets. These units are constructed of highly polished #304 stainless steel and feature unitized construction.

We have over fifty (50) years experience building thermoplastic desiccators. This knowledge is now put to use in our stainless steel units.

They are ideal when gathering samples in the field, or just moving materials safely from lab to lab. They are unbreakable.

We welcome custom sizes and you may choose either safety glass or static dissipative plastic viewing panels on the doors.

Sensitive Flow Meters and other accessories such as grounding features are available.

Stainless Steel units include:

- Standard 24 month warranty.
- Constructed of 16 Gauge, 304 stainless steel.
- Full length stainless steel hinge.
- Adjustable stainless steel sealing clamps.
- Safety glass front viewing panel.
- Adjustable shelf positions.
- Two (2) stainless steel shelves included.
- Two (2) ground key cock gas valves.
- Non skid foot pads.
- Closed cellular silicone gasketing.
- Optional formed white plastic desiccant tray.
- Flow meter (0-10 LPM) included.
- Pressure relief valve (Catalog #800-PRV) included.

Benefits of the stainless Steel desiccators:

- Units are easily grounded if necessary.
- Stainless Steel construction eliminates breakage.
- Increased service life (durability).
- Higher levels of vacuum/pressure are attainable.
- Increased chemical resistance.
- “Outgassing” is eliminated.



861-SS with optional 800-FLOW/D with gas valves



860-SS with optional 800-FLOW/D

Model Number	Number of Shelves	Interior Size w x d x h	Approximate Shipping Weight
860-SS	2	12" x 12" x 12"h 305 mm x 305 mm x 305 mm h	40 Pounds 18.5 Kilos
861-SS	2	12" x 18" x 24"h 305 mm x 457 mm x 610 mm h	50 Pounds 23 Kilos
862-SS	2	20" x 18" x 30"h 508 mm x 457 mm x 762 mm h	85 Pounds 40 Kilos

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Desiccator Specifications

Model Number	Color	Desiccator Size W x L x H	Number of Cubicles	Number of Shelves	Number of Shelf Positions
860-CG.5/NS 860-CGA.5/NS 860-CGB.5/NS 860-CGS.5/NS	Clear Amber Black Static Dissipative	12" x 12" x 6" 305 x 305 x 152mm	One (1)	Two (2)	Two (2)
860-CG/NS 860-CGA/NS 860-CGB/NS 860-CGS/NS	Clear Amber Black Static Dissipative	12" x 12" x 12" 305 x 305 x 305mm	One (1)	Two (2)	Five (5)
861-CG/NS 861-CGA/NS 861-CGB/NS 861-CGS/NS	Clear Amber Black Static Dissipative	12" x 12" x 24" 305 x 305 x 3610mm	Two (2)	Ten (10)	Ten (10) (5 per cubicle)
862-CG/NS 862-CGA/NS 862-CGB/NS 862-CGS/NS	Clear Amber Black Static Dissipative	18" x 18" x 18" 457 x 457 x 457mm	Two (2)	Four (4)	Ten (10) (5 per cubicle)
863-CG/NS 863-CGA/NS 863-CGB/NS 863-CGS/NS	Clear Amber Black Static Dissipative	24" x 18" x 24" 610 x 457 x 610mm	Two (2)	Four (4)	Ten (10) (5 per cubicle)

Multiple Cubicle Desiccators with rear plenum, stainless steel support cart and casters

Model Number	Color	Desiccator Size W x L x H	Number of Cubicles	Number of Shelves	Number of Shelf Positions
860-10/CG 860-10/CGA 860-10/CGS	Clear Amber Static Dissipative	48" x 24" x 66" 1,219 x 610 x 1,676mm	Ten (10)	Twenty (20)	Five (5) per cubicle
860-8/CG 860-8/CGA 860-8/CGS	Clear Amber Static Dissipative	48" x 24" x 62" 1,219 x 610 x 1,574mmw	Eight (8)	Sixteen (16)	Five (5) per cubicle
860-6/CG 860-6/CGA 860-6/CGS	Clear Amber Static Dissipative	48" x 24" x 50" 1,219 x 610 x 1,270mm	Six (6)	Twelve (12)	Five (5) per cubicle
860-5/CG 860-5/CGA 860-5/CGS	Clear Amber Static Dissipative	24" x 24" x 66" 610 x 610 x 1,676mm	Five (5)	Ten (10)	Five (5) per cubicle
860-4/CG 860-4/CGA 860-4/CGS	Clear Amber Static Dissipative	24" x 24" x 60" 610 x 610 x 1,524mm	Four (4)	Eight (8)	Five (5) per cubicle
860-3/CG 860-3/CGA 860-3/CGS	Clear Amber Static Dissipative	18" x 18" x 27" 457 x 457 x 685mm	Three (3)	Six (6)	Five (5) per cubicle