

SECADOR GENERAL INFORMATION



SPI Supplies
206 Garfield Avenue,
West Chester, PA 19380, USA

Secador® Auto-Desiccator Cabinets

Secador® Auto-Desiccator Cabinets with 120VAC Automatic Drying Module

ELECTRICAL RATING 120V Model: 24 VAC, 20VA, 50/60 Hz

Secador® Auto-Desiccator Cabinets with 230VAC Automatic Drying Module

ELECTRICAL RATING 230V Model: 24 VAC, 20VA, 50Hz

The Secador desiccating cabinets form an entire family of products, known for their very high quality but with economical prices. They are intended for both long and short terms storage of critical laboratory samples that must be stored in a dry, dust-free and oil-free environment. These desiccator cabinets feature a new contemporary design and would fit right into the environment of any modern laboratory anywhere. The material of construction is DuraStar plastic which has all of the important mechanical and impact properties of polycarbonate for this application, but has the optical properties of an acrylic.

The cabinets are available in small or large models, with either horizontal or vertical orientation. They are also available in completely clear, completely blue, clear with blue end caps, or amber. Choose either a standard Secador Desiccator Cabinet or a Secador Auto-Desiccator Cabinet to meet your specific humidity and/or dust protection requirements. The stackable small model is ideal for maximizing storage space in the minimum size footprint. All cabinets block out 98% of UV radiation. In addition, amber cabinets also reduce 50% of visible light giving added protection to those light sensitive samples.



All Secador Desiccator Cabinets doors feature a patented seal and are fitted with a precision digital hygrometer. A loop on the door permits a padlock or a tamper evident tag to be used to prevent unauthorized opening. Each cabinet has a removable bottom shelf under which desiccant cartridges

can be placed. Shelves are made of clear polystyrene, which are ribbed for strength and perforated for air exchange.

Vertical profile Secador Desiccator Cabinets have two door latches on the right side, and are interchangeably stackable up to three units high (4.0 units stackable to two high). Leave space in front for the door to swing open. Shelves must be angled 45 degrees to fit through the door opening, then leveled to rest upon the desired shelf rail. With all shelves in place and secure on the shelf rails, the distance between the shelves is 110mm (4 3/8 ") minimum.

Unlike acrylic desiccators, the co-polyester resin construction of the Secador Desiccator Cabinets can be cleaned (and disinfected) with ethanol, or similar laboratory detergents. Do not use abrasive cleansers as these may scratch the surface.

IMPORTANT INFORMATION!

CAUTIONS for all Secador Auto-Desiccator cabinets:

- Do not place in front of a heating or air-conditioning duct
- Do not place near a heating device
- Do not place in direct sunlight
- Do not place in areas with smoke or steam
- Do not attempt to introduce pressure or vacuum inside the cabinet
- Do not place any explosive or hazardous chemicals in the cabinets
- Do not autoclave
- Indoor use only
- Use only within ambient temperature range of 5° C to 40°C

The user should be aware that if the equipment is used in a manner not specified by the manufacturer the protection provided by the equipment may be impaired. All of the Secador Desiccator Cabinets are molded in sections which are then sealed tight using silicon gaskets and unexposed steel bolts. This hardware is factory assembled and no attempt should be made to alter the tightness of the nuts.

Digital Hygrometer Details

Please see the document on Digital Hygrometer Calibration Procedure for all information regarding the digital hygrometer supplied with these desiccators.

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