



Scienceware® Disposable Desiccant Cartridges

Catalog No. F42048-0065 & F42048-0100



Silica gel is a substance that absorbs moisture from the air. Silica gel is inert, non-toxic, non-corrosive and non-friable. The cartridge in which these silica gel beads are contained is made from clear polystyrene with a porous membrane covering the gel. When placed inside a desiccator these silica gel beads will act as a moisture sink, continuously absorbing any moisture that is in the air, or that has been released by the products stored inside the desiccator.

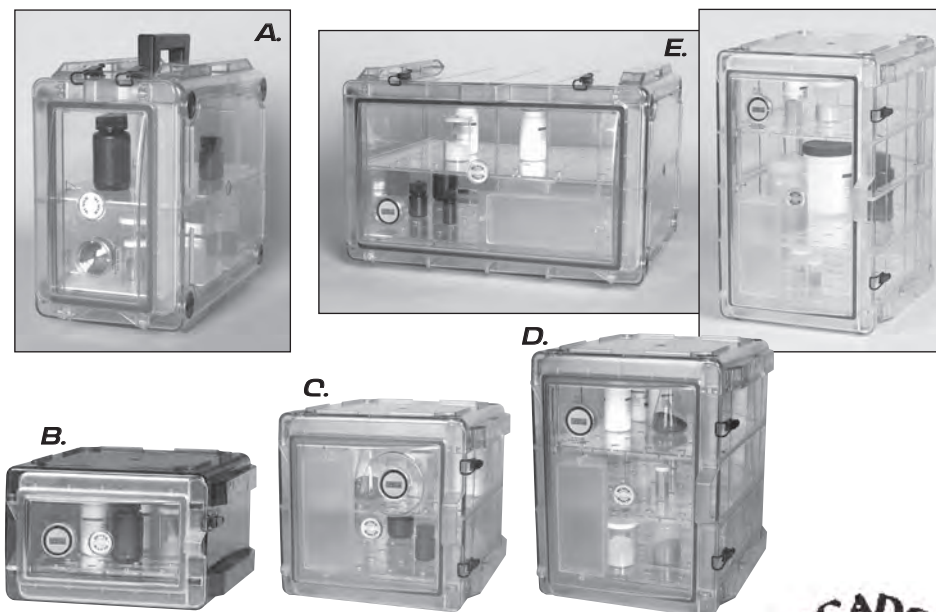
The silica gel beads in this product are specially formulated to contain a color-changing moisture indicator that turns from blue to pale pink, indicating that the silica gels beads are saturated with moisture and can not absorb any additional moisture. When the silica gel has changed color to pale pink, it should be replaced with a fresh cartridge, or regenerated as discussed below.

Directions for use:

- Carefully open the foil package with scissors or a knife.
- Place cartridge(s) in the desiccator and inspect occasionally to observe color change.
- When silica gel has changed color to pale pink, it should be replaced with a fresh cartridge, or regenerated as follows:
 - Heat cartridge in a drying oven at 50°C (122°F) for 8 to 12 hours.
 - For faster regeneration, cut the membrane and transfer the silica gel beads to a glass or ceramic dish, and place in a drying oven at 150°C (300°F) for 1 hour.

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- Use with any Scienceware® desiccant

| Description | Catalog Number |
|--|----------------|
| Secador® 1.0 Desiccator Cabinet | 42071-0000 |
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