

Large Dome Vacuum Desiccator

LAB-42029

Product Discontinued

- Interior Volume: 2.29 Cu. Ft.; Holds: 101 Cans
- Two Removable Polypropylene, 36.5 and 22.5 cm Diameter (14.5 and 9") Shelves
- Side Handles Provide Easy Portability and Can be Used to Affix a Lock or Tamper-Evident Seals
- Gas Port Can be Closed to Allow Use with Standard Desiccants When Vacuum is Not Required
- For Contamination and Dust-Free Desiccation, Storage and Degassing
- Contents Can be Viewed Clearly from 360°
- Durable, Chemical Resistant Polycarbonate Construction Stores Oversize or Large Amounts of Moisture-Sensitive Items in a Very Dry, Dust-Free Environment



This large, domed desiccator is made from laboratory grade polycarbonate for a clear, unobstructed view of contents. Users will appreciate the roomy interior, portability and ease of use. Gas-port accepts 1/4" I.D. tubing and has an easy turning PTFE stopcock which allows for the gentle entrance of air and minimal disturbance to the inside chamber and its contents.

It is useful for drying, cooling and degassing humidity-sensitive standards, halide salt cells used in IR spectrophotometers, thin layer chromatography plates, electronics and other moisture-sensitive items.

The unit has a volume of 65 liters (4000 cubic inch) and holds items up to 45 cm (18") tall or wide. Unlike present small dome-shaped vacuum desiccators, the LAB-420290000 vacuum desiccator has space for multiple plates, racks, trays and instruments.

Contents can be viewed from 360° through the desiccator's transparent polycarbonate top and bottom. This laboratory grade plastic material has smooth and simple-to-clean interior surfaces. The plastic dome construction supplies outstanding chemical and thermal resistance. The lightweight unit weighs roughly 5 kg (11 lbs) and can be transported by molded-in handles. Top and bottom handles can be bolted with nylon bolts to avoid lateral displacement of the two hemispheres when the unit is not under vacuum and provide convenient locations for tamper-evident seals or locks. A ring is molded into the upper dome so it can be placed inverted on the lab bench, when the unit is disassembled. Safety locator pins in the top and bottom halves prevent the halves from displacing when one side is lifted when accessing the contents. Two detachable polypropylene shelves, 36.5 and 22.5 mm (14.5 and 9") diameter maximize storage capacity.

The design of this unit maintains a full vacuum 737 mm (29 inHg), for 24 hours at room temperature and stays gastight without a vacuum. For operation down to 0°C (32°F), apply a light coating of vacuum grease to the gasket.

The polypropylene stopcock features a PTFE plug that can be conveniently rotated to permit a slow, non-turbulent air stream to enter the unit, virtually eliminating any disturbance of contents. The stopcock has a vivid, red handle and is compatible with 6.4 mm (1/4") I.D. tubing.

To Order		
Model No.	Description	Dimensions (W x H)
LAB-420290000	Large dome vacuum desiccator (1 gas port)	60 x 60 cm (22 x 22")