

> Dry-Seal Vacuum Desiccators

Dry-Seal Vacuum Desiccators



The Dry-Seal vacuum desiccators are versatile and equipped with a sidearm for connection to a vacuum source. The contents of the sealed evacuated desiccator are maintained in a dry, reduced-pressure atmosphere. Dried materials are stored in desiccators while cooling in order to minimize the uptake of moisture. After releasing vacuum, the desiccator cover can be removed vertically without disturbing the sample. Desiccators can be used for cooling oven-dried samples while keeping the samples dried.

Applications include protection of hygroscopic and deliquescent samples, prolonged storage at reduced pressure, reactions at ambient temperatures (not autoclavable), and anesthesia chamber for laboratory animals. Other applications include environmental studies, storage of thin layer chromatography plates, and determination of void content of aggregates and fillers. Features and benefits include a greaseless seal that does not capture dirt, and so requires less cleaning, a maximum vacuum of 27 Hg (943 hPa), and a temperature range of 15 degrees to 80 degrees C.

Our vacuum desiccators come complete with desiccator jar, cover, sleeve valve, silicone sealing ring, and aluminum plate. To prevent freezing and increase performance, lubricating the standard taper sleeve valve with silicone-based vacuum grease is recommended. A 1/4" to 3/8" vacuum hose (not included) is used to connect the desiccator to vacuum or gas sources. Compatible dessicant packs are also sold separately.

Description	Stock #	Case Pk	Price/Cs
170 mm Dry-Seal Vacuum Desiccators	W365885	1/cs	\$234.80
100 mm Dry-Seal Vacuum Desiccators	365882	1/cs	\$201.53
250 mm Dry-Seal Vacuum Desiccators	365886	1/cs	\$481.26