

OPERATING INSTRUCTIONS

Desiccator, Vacuum Type

82-2170

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1 Notes on Storage and Use of Vacuum Desiccators

The desiccator is suitable for indefinite periods of use at full vacuum, ie an external pressure of one atmosphere (101.3 kPa) at normal ambient temperatures. The design takes into account theoretical considerations and normal handling hazards.

Nevertheless, it is essential that care is taken in the storage, handling, and use of desiccators.

Storage should be in a place where it cannot be knocked, scratched, or abraded.

Immediately prior to use, examine carefully for damage. Cracks, star cracks, and even scratches, are potential sources of failure. Sealing faces and rings should also be inspected.

In use, desiccators should be covered by a safety cage during evacuation, whilst under vacuum and during vacuum release.

Evacuated desiccators must not be subjected to vibration, knocks, etc.

When admitting air to a desiccator, do so gradually.