

A point to note (Desiccator from AsOne (Japan))

- ✚ Do not put the desiccator close to a high temperature object (< 60 °C). The desiccators may deform due to the heat.
- ✚ Put the desiccator in a place where a surrounding temperature must be between 5 and 35 °C.
- ✚ Avoid direct sunlight.
- ✚ Put the desiccator at no UV light source.
- ✚ Do not apply pressure.
- ✚ The desiccator is made of acryl; therefore, do not use acid (e.g. chromic acid), organic solvent (e.g. acetone, xylene, chloroform, alcohols, acetic acid) for cleaning.
- ✚ For cleaning, simply wipe it with a wringed soft cloth (light cleaning with water; deep cleaning with water and a neutral detergent).

How to install a vacuum gauge and valve

- ✚ Do not use a monkey wrench (spanner) to derive in a screw of the gauge. The screw may be damaged if you tighten it.
- ✚ Air does not leak if you tighten a screw by hand.
- ✚ When you evacuate, you may hear a creaking sound. But, this is not a critical problem.

Notice

For portable desiccators

- ✚ Don't grasp a vacuum gauge when you open it.

For all desiccators

- ✚ These desiccators are not for high pressures. Thus don't apply pressure to them.
- ✚ Sudden decompression may cause damage to the desiccator.

When you have a leak from a desiccator...

Most of time, a leak takes place at a screwed nipple part of gauge and/or valve; however, a leak cannot be stopped even if you forcibly tighten it.

- ✚ Remove a seal packing from a screwed nipple part of gauge and/or valve. Then, put a new seal packing (e.g. Teflon) around the nipple part for about 7 times with clockwise and install it again to the main body (a desiccator).

Checking a leak

- ✚ After evacuated a desiccator, form a thin film at a tip of hose nipple by making use of e.g. soapy water for checking whether the film is sucked into the desiccator or not.
- ✚ If there is a possibility to have a leak from a joining part...
Put a half glass of water in a desiccator and close a door. Evacuate it a bit. After that, changing an angle of a desiccator itself in order to move the glass. If the glass reaches a leaking position, you can see bubble from the water.