

SampleSaver™

Patent Pending

Portable Storage Container



The SampleSaver™ Portable Storage Container system is a specialized container that enables a user to replace the reactive atmospheric air typically present in the container with an inert gas species. Once a sample is stored inside the inert atmosphere, the sample does not undergo reactions such as oxidation during storage and/or transportation. It is ideally suited to the preservation of microscopy samples that may undergo changes during the delay between sample preparation and analysis.

The storage container can be evacuated and backfilled or purged with an inert gas. Gas can be supplied by connecting it directly to an inert gas cylinder or dry nitrogen can be boiled off of liquid nitrogen and pumped into the storage container using the Thing-A-Ma-Jug™ Cryogen Gas Supply.

Special Features:

- ▶ Sample racks for holding SEM stubs, customized TEM grid boxes and Metallographic mounts
- ▶ Sample racks are interchangeable and color coded
- ▶ Simple leak check feature to verify integrity
- ▶ Samples remain secure during transport
- ▶ Preserves chromium coated SEM samples
- ▶ Prevents oxidation of samples and coatings
- ▶ Suitable for SEM, TEM, SPM, EBSD and FIB samples

Dimensions (fully closed)
 SS100: 2.75" OD x 4.75" High
 SS200: 3.25" OD x 7.75" High

Thing-A-Ma-Jug™
Cryogen Gas Supply



SOUTH BAY TECHNOLOGY, INC.