

Drying Large Volumes Directly into Vials

There are many situations where a large volume needs to be dried or concentrated and placed into a small vial. On some occasions a number of large volumes need to be dried and placed into one vial, e.g. when combining HPLC purification fractions. Typically many stages are needed to achieve this seemingly simple end result, including:

- Dry the large volume(s)
- Redissolve in small volume of strong solvent
- Pipette to final vial of choice
- Dry small vial

During this process sample losses may occur and the integrity of the sample may be affected. Typically DMSO is needed to dissolve the sample before transfer to the small vial, DMSO is very difficult to dry and residual DMSO will prevent an accurate dry weight being determined.

Genevac is pleased to present the SampleGenie which enables all of this process to be achieved in one simple step, saving time by eliminating sample handling and therefore removing potential causes of sample loss and damage.



SampleGenie™

SampleGenie comprises sample tube and sample holder technology which enables large volume samples to be dried or concentrated directly into the small vial of your choice. Where HPLC purification fractions are used, fractions are combined into one tube and dried, or fast lyophilised, into the final vial.

SampleGenie is constructed from borosilicate glass and is compatible with most extraction solvents. SampleGenie can be accommodated in the all Genevac evaporators. SampleGenie may be used with HCl, however seal lifetime will be reduced.

Specifications

Flask

Volumes available: 60ml - 4 per swing
125ml - 2 per swing
250ml - 1 per swing

Borosilicate glass

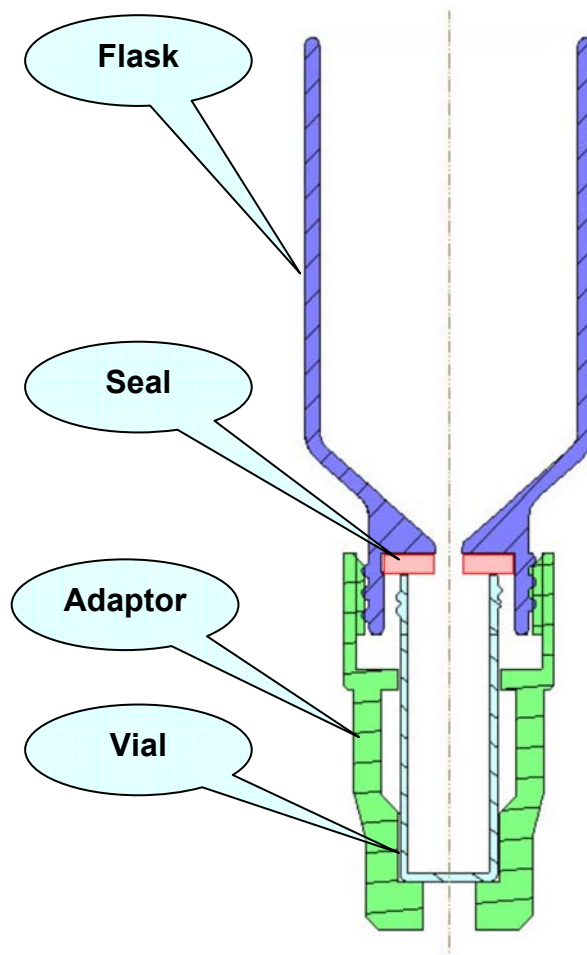
Seals are black Viton and are user replaceable. A low leachable white Viton option is available, as is a highly resistant FFKM perfluoro elastomer version

Adaptor

Polypropylene to insulate vial for concentration and use of LyoSpeed fast lyophilisation method. Should drying to a film be required an aluminium alternative is available.

Vials

60ml version can accept vials with diameter of 12mm to 17mm and height of 30-50mm.
125ml version can accept vials up to 60mm in height and 28mm diameter (22mm neck).
250ml version can accept vials up to 70mm in height and 28mm diameter (22mm neck).



Compatible Systems



EZ-2



HT-4X



HT-12

Note: Special versions of SampleGenie exist for working with the Rocket Evaporation system. Please ask for information sheet MK021.

Genevac Limited, The Sovereign Centre, Farthing Road, Ipswich, IP1 5AP, UK Tel: +44 (0) 1473 240000 fax: +44 (0) 1473 461176
Genevac Inc, 815 Route 205 Gardiner, New York, 10989, USA Tel: (1) 845 267 2211 Fax: (1) 845 267 2212
email: salesinfo@genevac.co.uk - Web site: <http://www.genevac.com>