

Genevac EZ-2 4.0 Elite



Tool Type: Parallel Evaporation System

Location: Elings Hall 241

Principal Scientist	Training and Operations Lead
Morgan Bates	Zachary Nett
morganbates@ucsb.edu	zjnett@ucsb.edu

About

The Genevac EZ-2 4.0 Elite is a high-performance evaporator system designed to efficiently remove solvents from samples through evaporation. It uses advanced vacuum and centrifugal technology to evaporate a wide range of solvents, including volatile organic compounds and aqueous solutions, without overheating or degrading sensitive samples. The EZ-2 Elite features a dry scroll pump and is optimized for removal of even the highest boiling point solvents ($> 165\text{ }^{\circ}\text{C}$), such as DMSO and NMP.

Detailed Specifications

Solvent Compatibility:

SP Genevac evaporators are robust systems designed to be resistant to the most common solvents and acids used within the chemistry laboratory, including TFA and HCl. **However, the Genevac is not compatible with the following:**

- Carbon disulfide
- Diethyl ether
- 1,2-Dimethoxyethane
- 2-Ethoxyethanol
- Hydrogen cyanide
- Pentane
- Triethylsilane

Sample holders for the following formats are available:

- Vials: 40-, 30-, 20-, and 8-mL sizes
- Test tubes: 16-, 18-, and 25-mm diameter and up to 150 mm length
- Centrifuge tubes: 50-mL size

From:
<https://bpm-wiki.cnsi.ucsb.edu/> - NSF BioPACIFIC MIP Wiki

Permanent link:
https://bpm-wiki.cnsi.ucsb.edu/doku.php?id=genevac_ez2_4.0_benchtop_evaporator&rev=1728952325

Last update: 2024/10/15 00:32

