

# Genevac EZ-2 4.0 Elite



<b>Tool Type:</b> Parallel Evaporation System	
<b>Location:</b> Elings Hall 241	
<b>Principal Scientist</b>	<b>Training and Operations Lead</b>
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## 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.

## 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 solvents:**

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

### Container Compatibility:

- 40-, 30-, 20-, and 8-mL vials
  - 16-, 18-, and 25-mm diameter and 150 mm length test tubes
  - 50-mL centrifuge tubes
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## Safety Concerns

### The Genevac is not compatible with the following solvents:

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

Properly dispose of solvents collected in the waste reservoir once the evaporative run is complete.

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## Reference Documentation

V-10 User Manual

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

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[https://bpm-wiki.cnsi.ucsb.edu/doku.php?id=genevac\\_ez2\\_4.0\\_benchtop\\_evaporator&rev=1728942917](https://bpm-wiki.cnsi.ucsb.edu/doku.php?id=genevac_ez2_4.0_benchtop_evaporator&rev=1728942917)

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