

# 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 parallel 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.

## Solvent Guidelines and Sample Holder Options

### 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 formats

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

## Reference Documentation

Installation and Maintenance Manual

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

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

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