


# Shimadzu Nexera Analytical HPLC-MS

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<b>Tool Type:</b> Analytical Characterization	
<b>Location:</b> Elings Hall 2411	
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## 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

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