

# Shimadzu Nexera Analytical HPLC-MS

## Shimadzu Nexera HPLC-MS



**Tool Type:** Analytical Characterization

**Location:** Elings Hall 2411

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## About

The Shimadzu Nexera Analytical HPLC system enables the identification and quantification of complex mixtures, while also supporting method development for sample purification on both preparative and semi-preparative scales. Equipped with a 6-way switch valve, the system streamlines the selection between four distinct columns, each offering unique surface chemistry and retention properties. These include C18 columns with 100 and 300 Å pore sizes, a C4 column, and a HILIC column. The system's design also allows for easy eluent interchanges, ensuring flexible adaptation to various purification and characterization requirements. Additionally, it features a dedicated PDA and a single quad LCMS-2050 mass spectrometer, which is capable of both ESI and APCI ionization and covers a mass range of 10-2000 m/z.

## Reference Documentation

Quick Start Guide

User Manual

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