

Semi-preparative HPLC

YL Semi-Preparative HPLC System is to be used for the isolation and purification of a valuable product in the pharmacology, materials research and analysis of natural compounds, etc, with the superior efficiency.

With a chromatography data system, it's easy to control the preparative volume through a fraction collector depending on compounds, ranges, etc from uL to mL scales upon the system configuration.

• Useful Information

1) Principle

With a fraction collector, it's easy to separate and collect the compounds that user needs depending on the setting conditions such as concentrations, time, etc by programming. It can be controlled by either software or a control pad on the instrument to monitor the data online

2) Cautions

- Choose the right test tube and fraction collector rack depending on the amount to be collected.
- Preparative method is to be set up after the first analysis of sample.

3) Recommended Columns : C18 (4.6mm, 150 mm, 5 μm) or C18 (10mm, 150 mm, 5 μm)

• Application

- Preparative analysis for the recovery of separated compounds in the sample
- Recovery of samples and collection of certain range of peaks

