



Preparative LD-HPLC-705

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Overview

Preparative HPLC-705 is equipped with 4 pump head variation and a UV or RI detector with a wavelength range of 190 to 400 nm and 400 to 800 nm. Built in multi positioned fraction valve and controlled fractionation optimizes controlled fraction collection and solvent recycling. With a column size of 10 x 1000 mm the retention, resolution and selectivity is optimized.

Features:

- Solvent flow rate is 500 ml / min
- Multiple chromatogram view
- 27 integrated programmable parameters like peak width, tangent slope etc
- Compatibility for medium and low pressure application
- 10 points pressure calibration for pressure linearity
- Auto apply of mathematical operations to chromatograms
- Automated sequential commands post batch run
- External pump control by panel or computer software
- Addition of tools for detector controlled fraction collection and solvent recycling
- Controlled fractionation with option of manual control during the run
- Error alarm function for over pressure ,under pressure and leakage

Applications:

Used for purification of peptides and proteins, separation of high molecular mass compounds, separation of protein mixtures, qualitative and quantitative determination of a compound, automated fraction re-analysis

Specifications:

Power	< 1500 W
Mobility	With castor
Dimension	750 x 860 x 1280 mm (100 ml , 250 ml , 500 ml , 1000 ml) , 810 x 950 x 1310 mm (3 L)
Wetted material	316 L and PTFE