



HPLC For Herbal Industry and R&D Lab

(Fully Automated Preparative Chromatography System)



- ✓ **Binary pump design** with gradient elution capabilities
- ✓ **High-speed autosampler** with needle wash to minimize cross-contamination
- ✓ **Large, high-capacity fraction collector**
- ✓ **UV-VIS detector** with 4-wavelength simultaneous monitoring
- ✓ **Customizable software** with intelligent functions & multiple collection triggers

Technical Specifications



Pumping System

Flow rate range: 0.01-50.00 mL/min

Pressure range: 0-30 MPa

Dual high-pressure 300 bar

Supported gradient elution



Autosampler

24 sample positions (5 mL loop standard)

Fully automatic injection and wash



Fraction Collector

160 tube positions (15-15-150 mm tubes)

Multiple collection modes



Detector (UV-VIS)

Wavelength: 190-850 nm

4 simultaneous monitored wavelengths

Wavelength accuracy, +1 nm



Detector (UV-VIS)

• **Wavelength:** 190-850 nm

• 4 simultaneous monitored wavelengths



Fraction Collector

• **160 tube positions** (15-150 mm tubes)

• Multiple collection modes

📍 **Location:** Head Office; Karachi | Branch Offices: Lahore & Islamabad

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