Combi*Flash*® EZ Prep

Streamline Flash and Preparative HPLC chromatography with a compact, easy-to-operate unit



The Combi*Flash* EZ Prep streamlines the purification process, quickly switching from Flash to high-pressure preparative chomatography in just two clicks. Pre-purify on Flash followed by Prep for submission quality compounds.

User-friendly PeakTrak® software controls both Flash and Prep HPLC chromatographic conditions. Additionally, PeakTrak integrates all detector options, including the CombiFlash PurIon mass spectrometer for single point control.

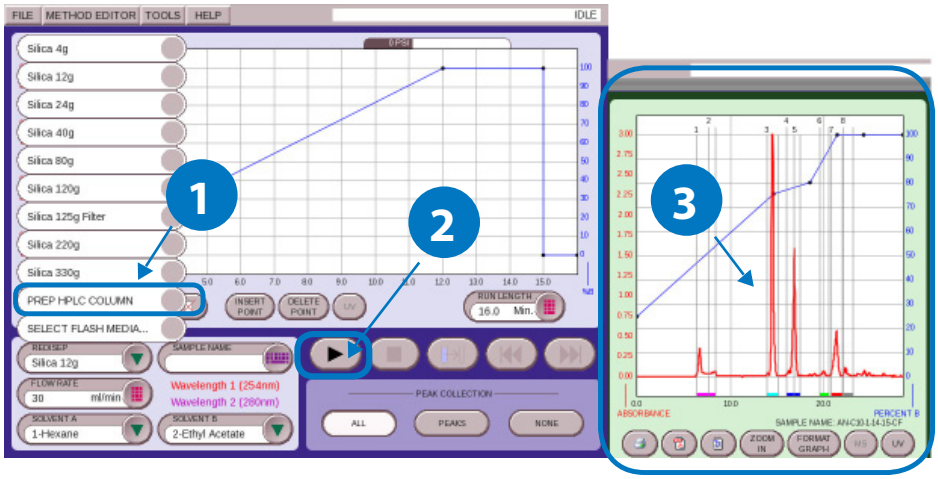
- **Simplicity**
  Simplest transition of any Flash/Prep HPLC system – switch to high-pressure preparative chromatography in just two clicks
- **Small Footprint**
  Highly compact design occupies minimal lab space
- **Compatibility**
  Runs Preparative HPLC columns packed with particles down to 5 µm for maximum efficiency

COMBIFlash EZ PREP

Prep LC in a Flash

Standard System Features

- Up to 3500 psi (240 bar) and 200 mL/min
- Run Prep HPLC columns up to 50 mm in diameter (including 5 µm particle diameter)
- Flash purification for 10 milligram to 33 grams followed by final compound purification on high performance columns
- UV, UV-Vis, ELSD and MS detection options available
- Switch between normal and reverse phase solvents automatically, without user interaction



It's easy!

1. Select preparative HPLC column from the drop down menu. The system automatically switches from Flash to HPLC Prep Mode.
2. Press play.
3. Review results.

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COMBIFlash EZ PREP

Prep LC in a Flash

Specifications

Flow Rate Range	1-200 mL/min (Flash & Prep)
Pump Prime	Self-priming
Maximum Pressure (Flash Operation)	200 psi (13.8 bar)
Maximum Pressure (High Pressure Operation)	Up to 3500 psi (240 bar)
UV and UV Vis Detection	UV 200-400 nm standard, UV vis 200-800 nm optional
ELSD Detection	Built-in detector compatible with either UV or UV-Vis
Mass Spectometer	Three models with mass ranges of 10-1200 and 10-2000 Da.
Number of Solvents	Binary gradient between any two of four solvents
Programmable Gradients	Linear, step, isocratic
Sample Introduction (Flash)	Solid or liquid load
Sample Introduction (Prep)	Variable volume liqid load (5mL loop standard)
User Interface	10.4" touchscreen
Fraction Collector	Internal
Dimensions (H x W x D)	26.8" x 16.9" x 17" (68 x 43 x 43.2 cm)

Ordering Information

68-5230-025	CombiFlash EZ Prep Chromatography System with 200-400 nm UV variable wavelength detector
68-5230-026	CombiFlash EZ Prep Chromatography System with 200-800 nm UV-Vis variable wavelength detector
68-5230-027	CombiFlash EZ Prep Chromatography System with 200-400 nm UV variable wavelength and ELS detectors
68-5230-028	CombiFlash EZ Prep Chromatography System with 200-800 nm UV-Vis variable wavelength and ELS detectors

Purlon Mass Spectrometer Upgrade Options

68-5237-050	CombiFlash Purlon Mass Spectrometer and Fluid Interface. Basic MS module with maximum mass of 1200 Dalton. User selectable positive or negative ionization. ESI or APCI probe standard, to be defined on order.
68-5237-083	CombiFlash Purlon Mass Spectrometer and Fluid Interface. Mass spec "S" with probe and fluid interface, MS model S module with maximum mass of 1200 Dalton, system auto-switches between positive and negative ionization. ESI or APCI probe standard, to be defined on order.
68-5237-084	CombiFlash Purlon Mass Spectrometer and Fluid Interface. Mass Spec "L" with probe and fluid interface. MS model L module with maximum mass of 2000 Dalton. System auto switches between positive and negative ionization. ESI or APCI probe standard, to be defined on order.

Preparative Injector Valve Options

29-9125-051	1 mL Injection Loop
29-9125-050	5 mL Injection Loop (standard)
29-9125-052	10 mL Injection Loop
29-9125-060	Injector Fill Port for use with 2" long 22 gauge blunt tip needle
60-5238-240	Injector Fill Port Female Luer Adapter (standard)

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