

CombiFlash[®] NextGen Flash Chromatography System

The CombiFlash NextGen Flash Chromatography System offers the most options in regards to system configurations.

Now there are three different models to choose from based on your budgetary and application needs.

Setting a New Bar in Flash Chromatography Performance

The **CombiFlash NextGen** offers flow rates up to 100 mL/min and operating pressures up to 150 psi (10 bar). This is an economical, basic system designed to perform both normal and reverse phase purifications. The system accepts a variety of collection racks sizes so that purified compounds can be collected in volumes appropriate for the column size being used.



CombiFlash[®] NEXTGEN

- **Straightforward**
Complete control on one screen
- **Compact**
Designed to take up minimal lab space
- **Flexible**
Configure to meet your specific needs
- **Faster**
New default methods with higher flows and steeper gradients speed up the purification without sacrificing performance
- **Greener**
Unnecessary steps eliminated to conserve solvent

Standard System Features

- **Flow rates** from 1 to 100 mL/min
- **Operating pressure** up to 150 psi (10 bar)
- **Choice of UV or UV-Vis plus ELSD and MS options**

Can be fitted with an ELSD at the time of system purchase.

NextGen is compatible with Purlon Mass Spectrometer or ELS Detection.

SPECIFICATIONS

CombiFlash Model	NextGen	Gradient Formation	Low pressure
Flow Rate Range	1 – 100 mL/min	Programmable Gradients	Linear, step, isocratic
Sample Loading Technique	Liquid	User Interface	12" capacitive touchscreen
Maximum Pressure	-Up to 150 psi (10 bar) -Lower pressure limits user defined	Fraction Collector	Internal
UV and UV-Vis Detection	Variable UV 200–400 nm and Variable UV-Vis 200–800 nm (PDA Technology)	Real Time Method Editing	Standard
Real Time UV Spectral Display	Standard	Vapor Enclosure for Collection Racks	Optional
ELSD Detection	Integrated option that can be combined with either UV or UV-Vis	Audible Alarm	Standard
Number of Solvents	Binary gradient, 2 solvents	Dimensions (H x W x D)	26 x 14.1 x 17 in (66 x 36 x 43 cm)
		Weight with ELSD	74 lb (33.6 kg)
		Weight without ELSD	61 lb (27.7 kg)

COMBIFLASH NextGen

685250010 CombiFlash NextGen System with 200–400 nm UV variable wavelength detector.

685250011 CombiFlash NextGen System with 200–800 nm UV-Vis variable wavelength detector.

CombiFlash NextGen Factory Options

605257002 Factory Installed ELSD for CombiFlash NextGen.

CombiFlash NextGen Field Options

605257008 Sample rack vapor enclosure for operation outside the hood.

CombiFlash Sample Injection Options

60-5237-047 Adjustable Solid Load Cartridge Cap (SLCC), fits 2.5 and 5 gram-size sample load cartridges. Includes one loading rod.

60-5237-048 Adjustable Solid Load Cartridge Cap (SLCC), fits 12 and 25 gram-size sample load cartridges. Includes one loading rod.

60-5237-044 Adjustable Solid Load Cartridge Cap (SLCC), fits 32 and 65 gram-size sample load cartridges. Includes one loading rod.

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L-5217 Rev 4.0
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