

## Comparison Prep SFC 100 with Prep SFC M5 System

	Prep SFC 100	Prep SFC M5 (100)
Suitable for chiral separations?	Yes	Yes
<b>Suitable for achiral separations?</b>	Limited	Yes
CO2 pump head	100 ml	100 ml
Modifier pump head	100 ml	100 ml
Max. gradient flow rate	100 ml/ min	100 ml/ min
Max. isocratic flow rate (40% modifier)	166 ml/ min	166 ml/ min
Add-on pump optional available?	Yes	Yes
<b>Autosampler</b>	No	Yes
<b>Max. number of samples</b>	1	192
Stack injection possible?	Yes	Yes
Column dimensions	10 - 30 mm ID	10 - 30 mm ID
Max. number of columns installed	2	10
Operation mode (No. of columns at a time)	1	1
Number of gas-liquid-separators	9	1 continuous
<b>Fraction Collector</b>	8 flasks	Circular collector
<b>Max. number of fractions</b>	8	12 / 22 / 38 up to 1000
<b>Additional Sorter Module available?</b>	No	Yes
Typical fraction volume	500 ml	40 ml
Max. fraction volume	> 1,000 ml	100 ml
Detector	UV	UV
Mass spectrometer (optional)	Yes	Yes
ELSD detector (optional)	No	Yes
Dimensions (W x D x H)	71.5 x 60 x 88 cm	91.5 x 60 x 88 cm
Weight	150 kg	153 kg

**Major differences marked in red**