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## Preparative HPLC system, LaPrep Sigma

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(No Reviews)



The LaPrep Sigma is a highly robust and compact preparative chromatography system running on the intuitive EZChrom platform. Being a truly modular system, with many possible configurations, it has one of the smallest footprints in the market (242×352 mm). With an easy to use touch screen panel and Ethernet connection, it is an ideal addition to any laboratory needing a flexible preparative HPLC solution.

The LaPrep Sigma has capabilities ranging from analytical to preparative scale, pump capacity from 1 ml to 600 ml/min and can be easily connected to a fully automated fraction collector. Along with the options of a single- or multiple-wavelength UV detector, and autosampler or single-injection sample delivery, the LaPrep Sigma is an excellent choice for any preparative laboratory whatever the configuration requirements.

Key to the flexibility of LaPrep Sigma is the assistant module. The assistant houses the fractionation valve, injection valve and automated injection pump, meaning that minimal bench space is used. A variety of configuration options are available.

For further information, demo requests or application support please get in touch with your local VWR chromatography specialist or email [chromatography@eu.vwr.com](mailto:chromatography@eu.vwr.com).

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### Main modules

Description	Pk	VWR Catalog Number	Quantity
LaPrep Sigma LP 1100 semi-preparative solvent pump with 20 ml titanium pump head and integrated quaternary low pressure gradient	1	905-0502	<input type="text" value="0"/>
LaPrep Sigma LP 1200 preparative solvent pump with 100 ml titanium pump head	1	905-0550	<input type="text" value="0"/>
LaPrep Sigma LP 1200 preparative solvent pump with 200 ml titanium pump head	1	905-0503	<input type="text" value="0"/>
LaPrep Sigma LP 1200 preparative solvent pump with 600 ml titanium pump head	1	905-0504	<input type="text" value="0"/>
LaPrep Sigma LP 3101 UV detector, 1 channel	1	905-0505	<input type="text" value="0"/>
LaPrep Sigma assistant module for sample delivery and fractionation. Includes: 1/8": LP 1000 pump with 50 ml pump head without pressure sensor, LP 2002 injection valve, LP 2012 fractionation valve	1	905-0515	<input type="text" value="0"/>
LaPrep Sigma assistant module for sample delivery and fractionation. Includes: 1/16": LP 1000 pump with 10 ml pump head without pressure sensor, LP 2002 injection valve, LP 2016 fractionation valve	1	905-0514	<input type="text" value="0"/>
LaPrep Sigma assistant module, 1/8": 2 LP 2002 valves, for fractionation, solvent selection or column switching, 242×352×137 mm	1	905-0516	<input type="text" value="0"/>
LaPrep Sigma assistant module, 1/16": 2 LP 2002 valves, for fractionation, solvent selection or column switching, 242×352×137 mm	1	905-0517	<input type="text" value="0"/>

### Software and PC connections for LaPrep Sigma

Description	Pk	VWR Catalog Number	Quantity
LaPrep Sigma Ethernet module connector, type Netgear FVS318. An Ethernet cable is delivered with each LaPrep Sigma module. For connection of all modules to a PC running the EZ Prep software	1	905-0536	<input type="text" value="0"/>

### Main accessories - Flow cells for LaPrep Sigma UV detectors

Description	Pk	VWR Catalog Number	Quantity
LaPrep Sigma LP 1000 sample injection pump with 10 ml titanium pump head	1	905-0500	<input type="text" value="0"/>

LaPrep Sigma LP 1000 sample injection pump with 50 ml titanium pump head

1 905-0501

0

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Generate Barcodes Barcode Label Format: Avery L7162 - 99.1mm x 33.9mm

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