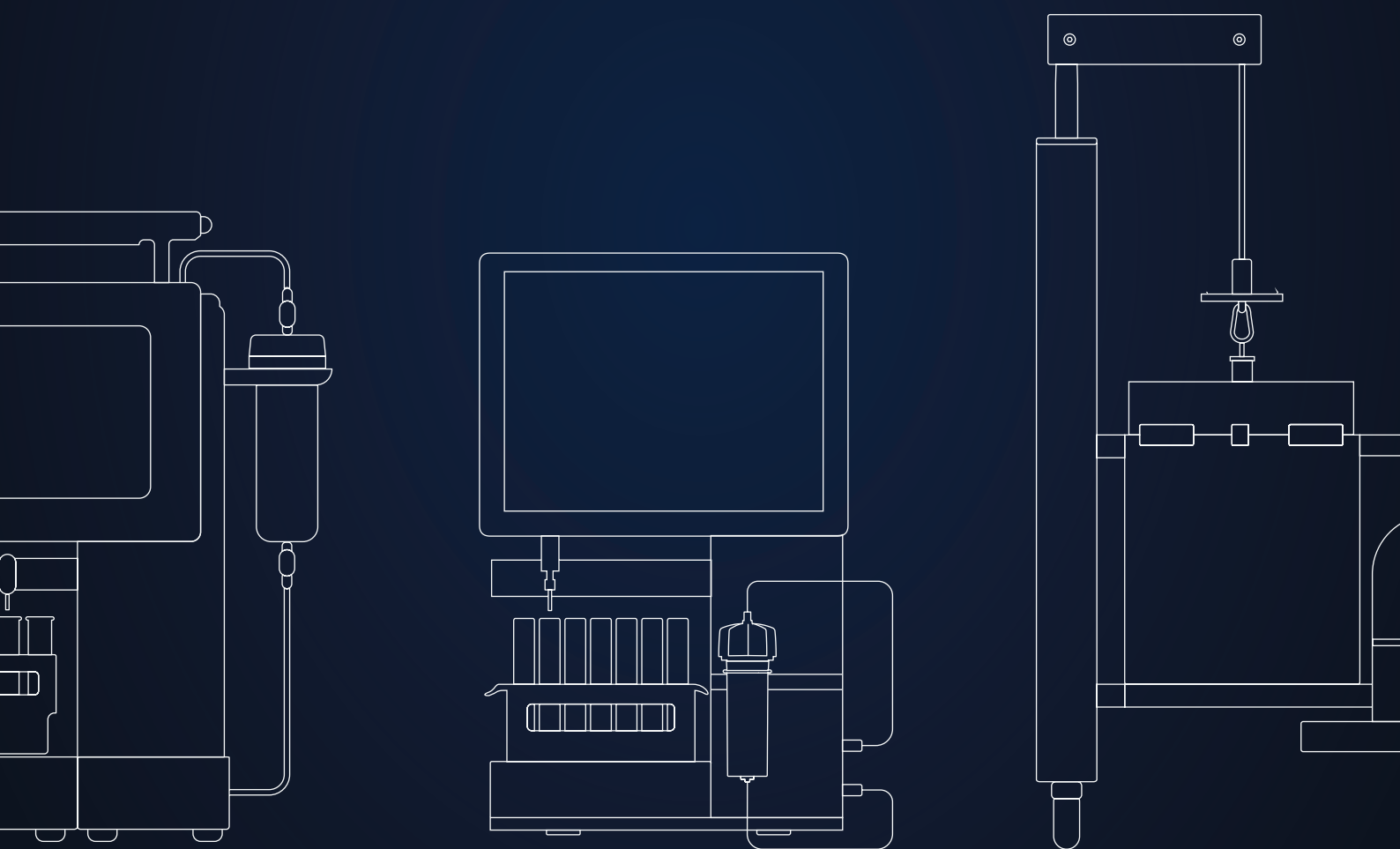


Scalable flash purification

Seamless solutions from bench to plant





Scalable solutions for flash purification

Efficiency and reproducibility are critical for successful scale-up. Biotage flash purification solutions are designed for simple and seamless scale up from development to large-scale cGMP manufacturing.

Our flash chromatography solutions support a broad range of therapeutics and natural products, including APIs, high-potent APIs, lipids, oligonucleotides, peptides, and novel compounds advancing materials science.

Achieve high purity with ease

- Easy setup – Intuitive, modular systems
- Seamless scaling – Scale up methods easily and minimize solvent use and waste
- Flexible choices – Select the right column and silica
- High throughput – Purify up to kilograms per run
- Reliable results – Quality-controlled consistency





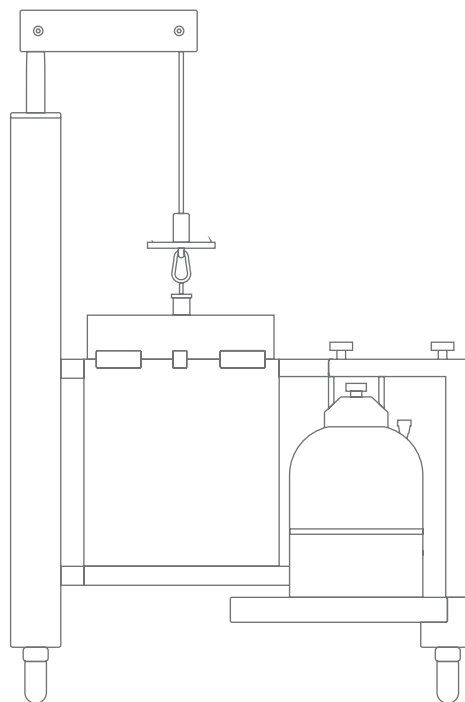
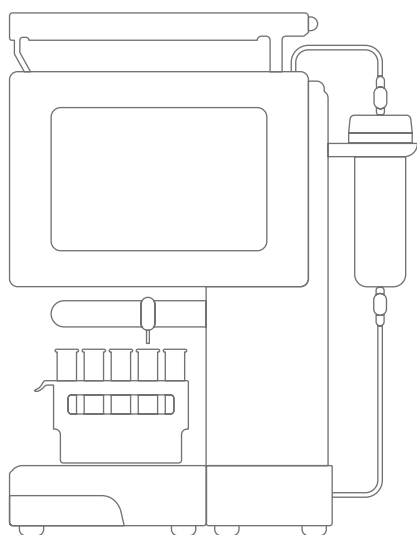
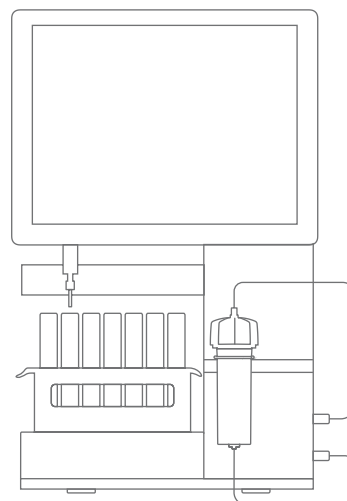
Seamless solutions from bench to plant

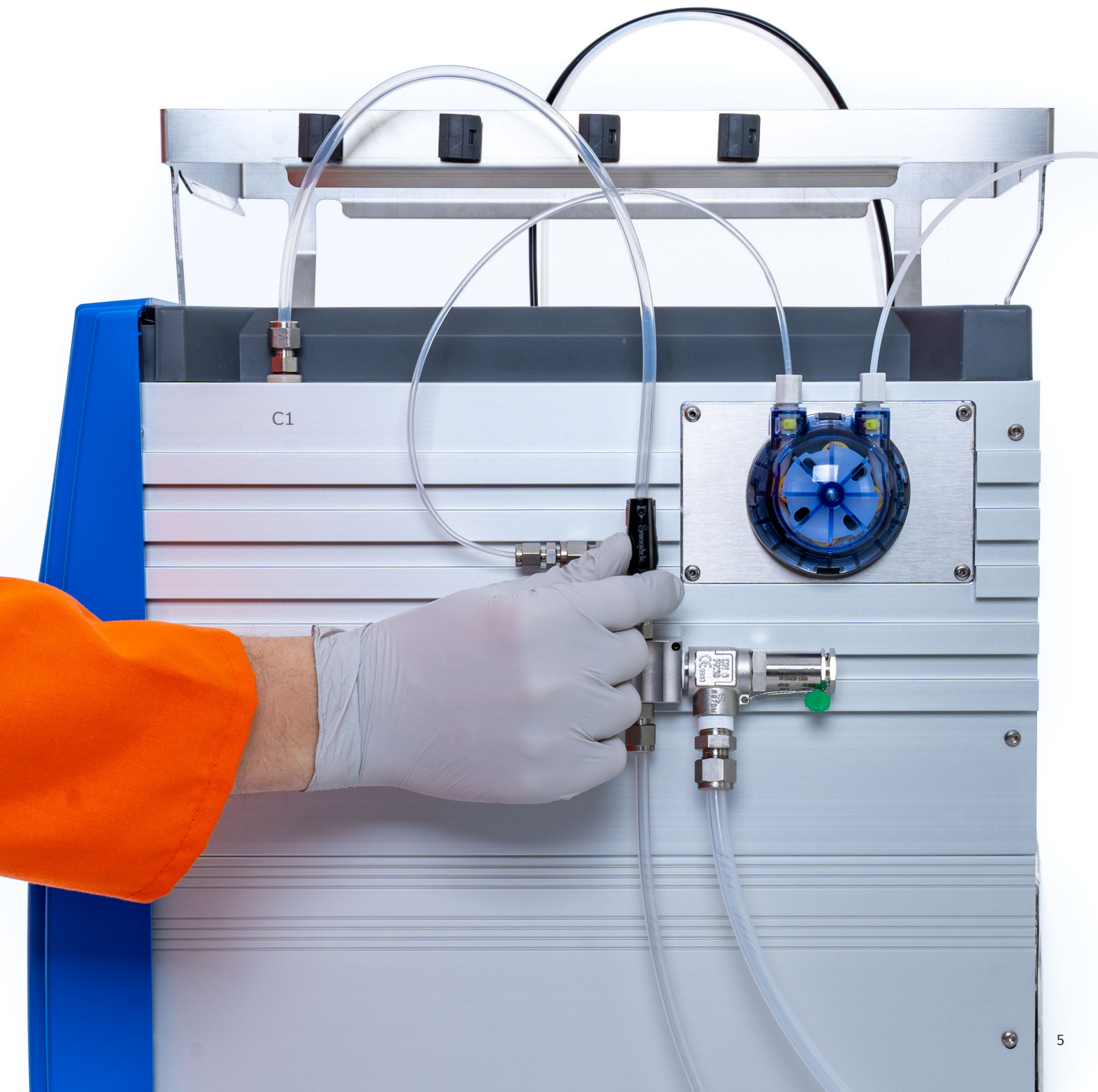
Development

- Optimize loading, compound purity and yield with intuitive software
- Minimize solvent usage and waste with advanced software
- Simplifies and bullet proofs the process of scaling up

Manufacturing

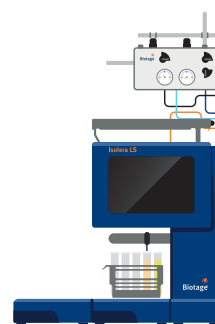
- Achieve reproducibility in manufacturing with simple methods scale-up from the development phase
- Enhance operational safety with pre-packed plug-and-play columns, minimizing risks with potent drug compounds
- Documentation to support use or validation in regulated production environments





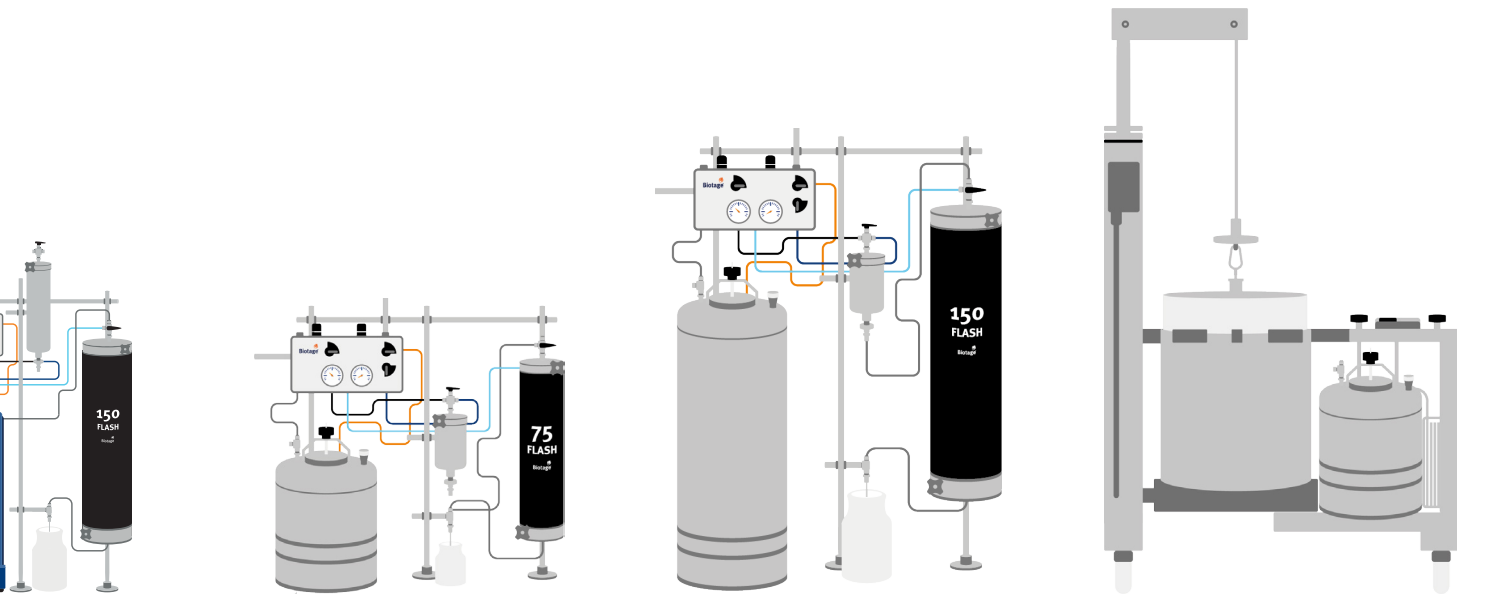


Complete flash purification family



	Biotage® Selekt	Isolera™ LS	Isolera™ LS 1
Application	Development	Development & production	Development & production
Maximum sample size – normal-phase (g)	150*	150	800
Flow rate (mL/min.)	300	500	500
Nominal cartridge mass	5 g-1.8 kg	50 g-1.8 kg	50 g-8 kg
Level of automation	Full	Full	Full

* With pressure releasing safety valve kit P/N 417115SP for cartridges with CV > 0.8 L (i.e. >340 g).



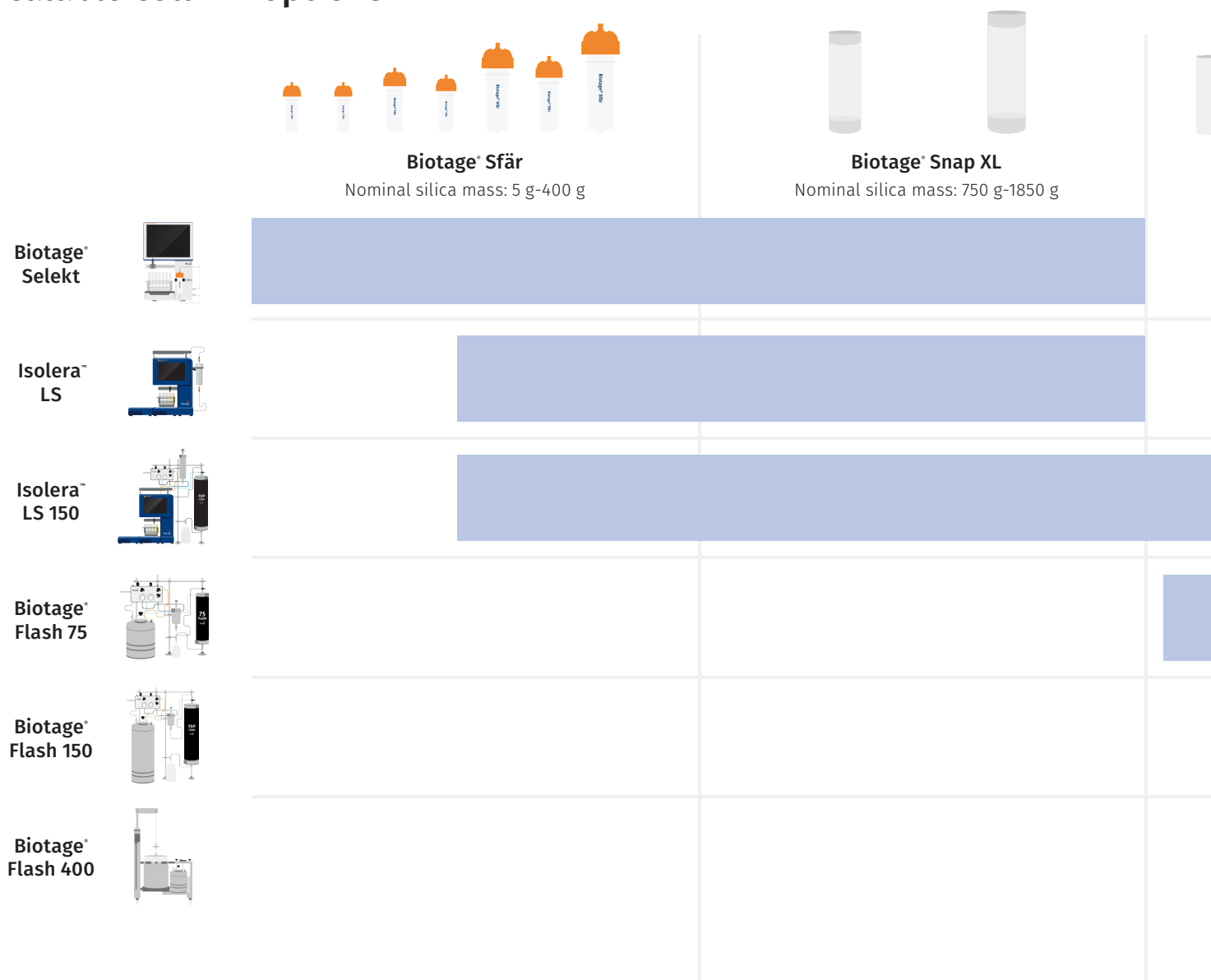
150	Biotage® Flash 75		Biotage® Flash 150		Biotage® Flash 400	
	M	L	M	L	M	L
roduction	Development & production		Production		Production	
	50	100	250	500	4000	8000
	250	250	1000	1000	6000	6000
g	400 g	800 g	2.5-4 kg (based on the media type)	5-8 kg (based on the media type)	24 kg	48 kg
	Manual		Manual		Manual	

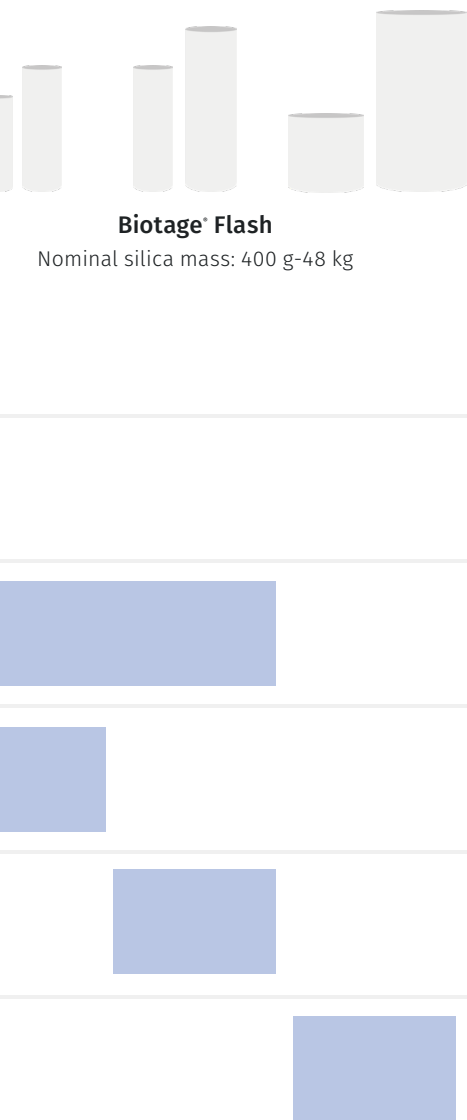


Flexible media options and scalable column sizes

Our wide selection of media and columns provides flexibility and reliability for your process. Using the same media from 5 g to 48 kg in pre-packed columns—from development to manufacturing—ensures consistent packing, performance and results. This approach eliminates open media handling, supporting safer operations.

Scalable column options





Stationary phase guide

Phase	Media	Particle size range (µm)
Normal	Biotage® KP-Sil	40–63
	Biotage® KP-Sphere/ Sfär Silica 60	50–70
	Biotage® HP-Sphere	25–33
	Biotage® Sfär HC	17–26
Reversed	Biotage® KP-C18-HS	40–63
	Biotage® HP-Sphere C18/ Sfär C18	25–35
Specialty	Biotage® Sfär KP-Amino	40–65
	ISOLUTE®-Amino	40–63
	Carbon	60–100
	Diaion® HP-20	250–850
	Diaion® HP-20SS	75–150





Your complete partner for effective chemistry

Biotage is a worldwide supplier of instruments and accessories designed to facilitate the work of laboratory and process chemists. With our deep knowledge of the industry, academic contacts and in-house R&D teams, we can deliver the best solutions to your challenges. We take great pride in our flexibility and ability to meet our customer's individual needs. With strong foundations in both analytical, organic and process chemistry, we can offer the widest range of solutions available on the market.



For local office contact information,
visit [biotage.com/contact](https://www.biotage.com/contact)

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