



Purification Solutions Performance and flexibility fitting your needs

Whatever the complexity or scale of your purification process is, the BUCHI flash chromatography systems are designed to fulfill your changing needs. Together with a broad range of high performance flash chromatography cartridges, we provide optimized solutions suited to your purification workflow.



Core messages to our customers

BUCHI creates added value with “Quality in your hands”

“Quality in your hands” is the guiding principle that shapes our philosophy and our actions. It challenges us to provide outstanding services that are precisely tailored to your needs. This means that we must stay in close contact with our customers. That is why we keep in touch and continue to work very hard to understand you and your business even better.

We help you by providing high-quality products, systems, solutions, applications and services that offer you added value. This allows you to focus entirely on your processes and your work.



Easy

You handle complex processes, do challenging work and want to focus on what is essential. We support you by providing carefully designed solutions as well as instruments and systems that are easy to operate.



Competent

You need products, systems, solutions, applications and services that are precisely tailored to your needs. We have the technological expertise and decades of experience needed to provide competent support and work with you to continually improve our market services.



Reliable

You want to be able to rely completely on your partner for products, systems, solutions, applications and services. We guarantee the quality and functionality of our equipment and will continue to help you quickly and efficiently whenever something does not operate to your satisfaction.



Cost-effective

You want to achieve the best possible results using efficient solutions. We help you to handle your jobs and processes economically. We strive to create a high level of economic benefit and maximum added value for you.



Safe

You are working in an environment in which safety is a high priority. By collaborating closely with you, we do everything in our power to make our products, systems, solutions, applications and services as safe as possible for people and the environment.



Global

You value personalized service and short communication channels. As an international family-owned business with our own subsidiaries and qualified distributors, we have a presence wherever our customers are located. Our local staff and the large number of satisfied customers around the world give you the assurance that you are working with the right partner.



Sustainable

You prefer a partner who acts responsibly when it comes to current environmental challenges. We support environmentally friendly processes and manufacture products that have a long service life. We utilize advanced technologies in order to conserve energy and water and leave the smallest environmental footprint possible.



Flexible purification solutions tailored to your needs

From synthesis or extraction to pure compound isolation

For more than 30 years, BUCHI flash chromatography equipment has been widely used for the purification of high value products. Compounds such as “Active Pharmaceutical Ingredients” (APIs) or specialty chemicals are generated by organic synthesis, biochemical process or extraction. The end result must always be further concentrated and purified. BUCHI purification solutions allow to purify compounds from a few milligrams up to several hundred grams.

Pharmaceutical



- Purification of APIs after organic synthesis (Medicinal Chemistry)
- Screening of natural compounds: isolation of various components after extraction
- Biotechnology: purification after fermentation process

Chemicals



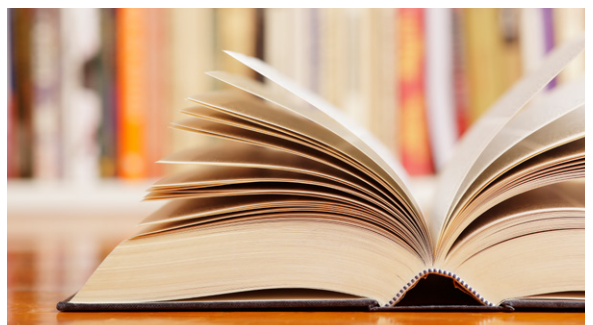
- Purification after synthesis
- Preparative isolation of a compound from a formulation

Food



- Nutraceuticals: isolation of dietary supplements from natural compounds

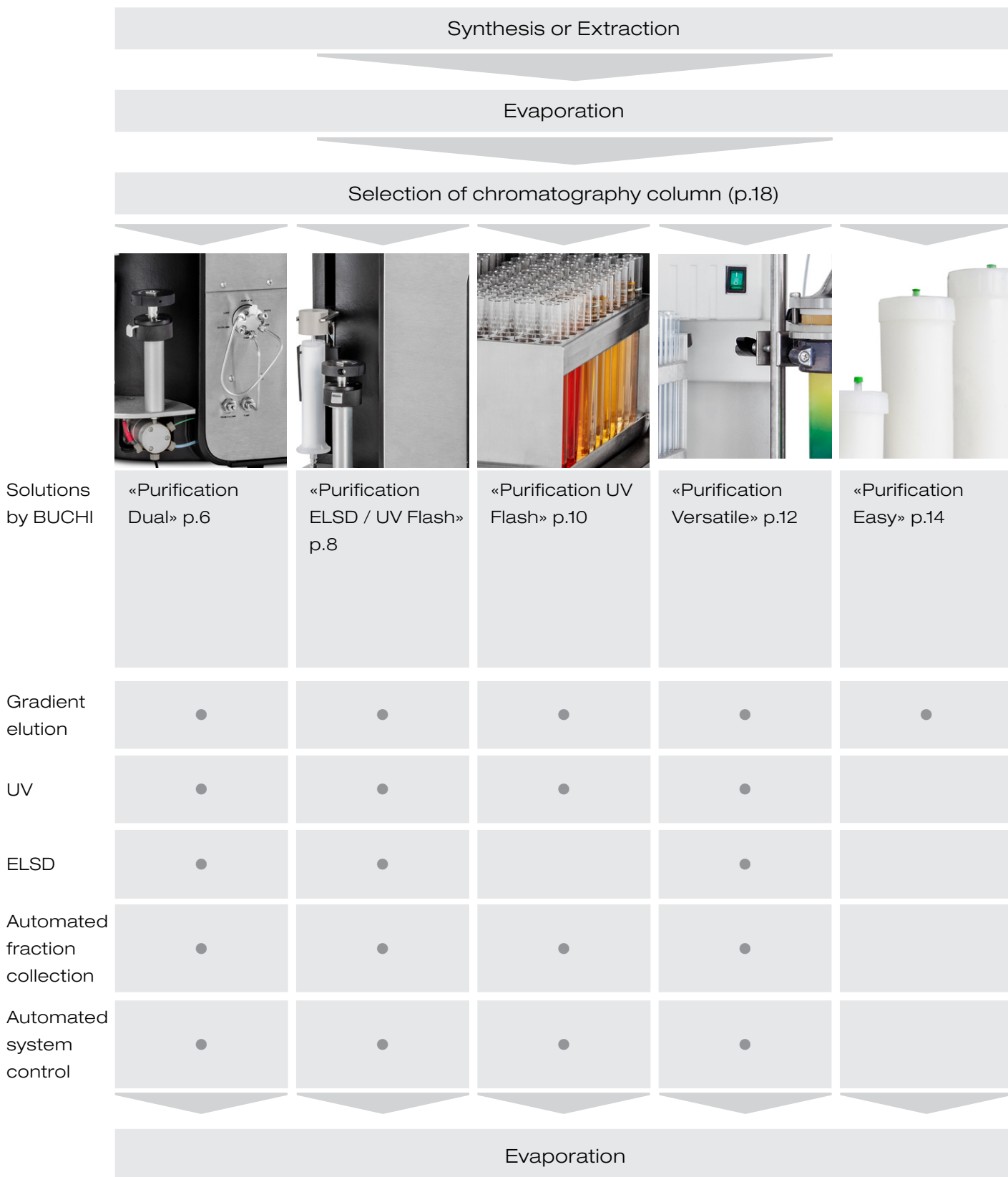
Academia



- Purification education
- Purification after synthesis or extraction

Purification process

The isolation of one or more components from a complex mixture usually requires multiple steps if purity and high recovery rates are targeted. Flash chromatography is used to perform a first fast separation. The collected fractions are then later reinjected in a preparative HPLC system to achieve the target purity.





Solution «Purification Dual»

Bridging the gap between flash chromatography and preparative HPLC

You face an increasing number of samples to purify, whether after an organic synthesis or an extraction step. You would like to perform the whole purification process in your own laboratory in order to isolate the pure compounds faster for further analysis. Our Reveleris® PREP system allows you to run both flash and preparative chromatography HPLC separations on the same system and is equipped with an integrated ELSD.

HPLC columns



Glass columns C-690



Reveleris® PREP



FlashPure
Cartridges



Reveleris® Navigator™
Software

Your most important benefits

Fast purification of any sample at any scale

- Flash chromatography separation and subsequent preparative HPLC purification of the relevant fractions on the same system. Usage of preparative HPLC columns filled with 10 - 15 µm silica particles thanks to maximum pressure of up to 120 bar (1700 psi)
- Fast optimization of the flash separation with optimized software features (TLC data transposition)
- All compounds detected at once using the integrated UV detector together with the Evaporative Light Scattering detector (ELSD)

High performance separation

- Full separation optimization capabilities with the optional Reveleris® Navigator™ Software: improved efficiency and productivity based on TLC or HPLC scouting runs
- Optimal fraction purity: very selective separation on high efficiency columns filled with small size particles

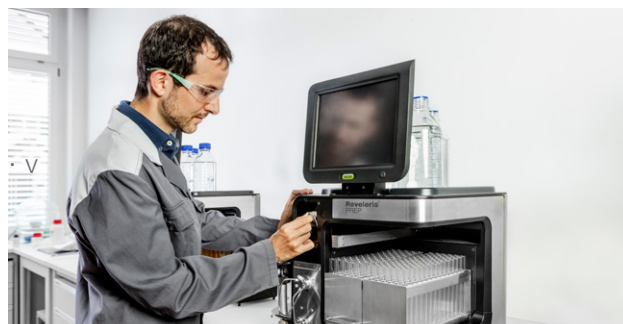
Ease of use

- Prep HPLC as easy to use as flash chromatography
- Seamless switch from flash to preparative mode with a single click
- Intuitive handling thanks to graphical user interface designed for purification applications
- Easy connection of flash cartridges, glass columns or preparative HPLC columns

Your solution «Purification Dual»



- Reveleris® PREP system:
- binary gradient pumping system, 200 mL/min, 120 bar (1700 psi), liquid or solid sample injection, UV and ELS detection, fraction collection
- FlashPure Cartridges
- Glass columns
- Prep HPLC columns



- Reference applications
- Laboratory chromatography guide
- Customized application support
- Practical workshops, trainings and seminars
- Minimized downtime thanks to our service hotline

Find short notes of our applications at:

www.buchi.com/Purification

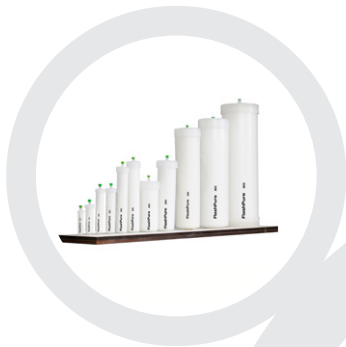
More detailed application notes are available upon request



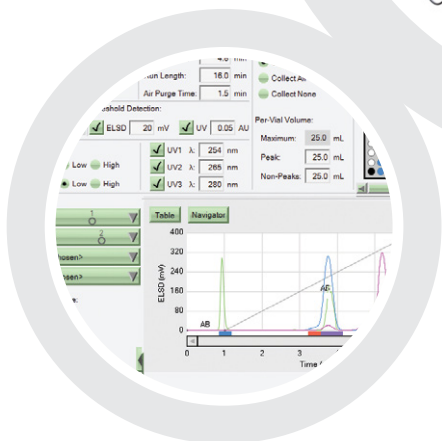
Solution «Purification ELSD / UV Flash» High performance flash chromatography separation

After a long development time and multiple synthesis steps, you finally got the molecule you are searching but in a complex mixture. The crucial purification step must protect your sample and provide a high purity. Our Reveleris® X2 system quickly separates and detects all compounds whether they absorb in UV or not.

FlashPure Cartridges



Reveleris® X2



Reveleris® Navigator®
Software



Glass columns C-690



Your most important benefits

High performance detection

- Synchronized detection and fraction collection from up to four detection signals (ELSD and UV)
- All compounds detected at once using the integrated UV detector together with the Evaporative Light Scattering detector (ELSD)
- Maximized recoveries by directing only 30 µL/min or less of your sample to ELSD

Flexible and reliable

- Quickly modify run parameters on a large 12" touch screen display
- Auto-recognition of flash cartridges and racks reduces set-up time and the risk of potential errors
- Self optimizing ELS detector without user interaction

Flexible

- Purify complex samples from discovery through process R&D
- Fast optimization of the flash separation with optimized software features (automatic gradient optimization, TLC data transposition)
- All compounds detected at once using the integrated UV detector together with the integrated Evaporative Light Scattering detector (ELSD)

Your solution «Purification ELSD / UV Flash»



- Reveleris® X2 system: binary gradient pumping system, 200 mL/min, 15 bar (200 psi), liquid or solid sample injection, UV and ELS* detection, fraction collection
- Reveleris® Navigator™ Software
- FlashPure Cartridges
- Glass columns

* Also available as optional upgrade



- Reference applications
- Laboratory chromatography guide
- Customized application support
- Practical workshops, trainings and seminars
- Minimized downtime thanks to our service hotline

Find short notes of our applications at:

www.buchi.com/Purification

More detailed application notes are available upon request



Solution «Purification UV Flash» High performance flash chromatography separation

As an organic chemist your challenge is to provide new innovative compounds as fast as possible. You need a simple and flexible purification system allowing you to focus on the chemistry rather than on the chromatographic separation. The Reveleris® X2-UV system guides you to get the best flash chromatography separation.

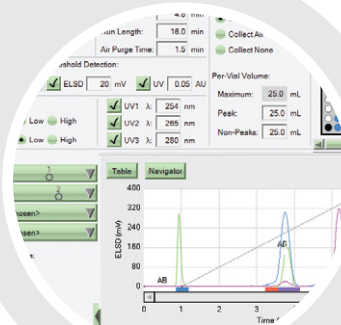
FlashPure
Cartridges



Glass columns C-690



Reveleris® X2-UV



Reveleris® Navigator™
Software

Your most important benefits

Easy to use

- Easy user interface in a single screen using a large 12" touch screen display
- Fast software-assisted switch from normal phase to reversed phase
- Auto priming of pumps helps prevent aborting runs

Unattended

- Auto-recognition of flash cartridges and racks reduces set-up time and the risk of potential errors
- Solvent level sensors and vapor sensor ensure safe and complete runs
- Use of the same solvents in multiple bottles with rapid line switching for extended solvent capacity

Flexible

- Purify complex samples from discovery through process R&D
- Fast optimization of the flash separation with optimized software features (TLC data transposition)

Your solution «Purification UV Flash»



- Reveleris® X2-UV system: binary gradient pumping system, 200 mL/min, 15 bar (200 psi), liquid or solid sample injection, UV detection, fraction collection
- Reveleris® Navigator™ Software
- FlashPure Cartridges
- Glass columns



- Reference applications
- Laboratory chromatography guide
- Customized application support
- Practical workshops, trainings and seminars
- Minimized downtime thanks to our service hotline

Find out more about our purification systems:
www.buchi.com/purification-systems





Solution «Purification Versatile»

Powerful, flexible and modular flash chromatography system

You have complex samples such as extracts of natural compounds to purify and need to scale up the purification process in order to cope with large sample load. The Sepacore® X50 Flash Chromatography system provides an optimum flexibility to use high efficiency columns whatever the packing and column size is.

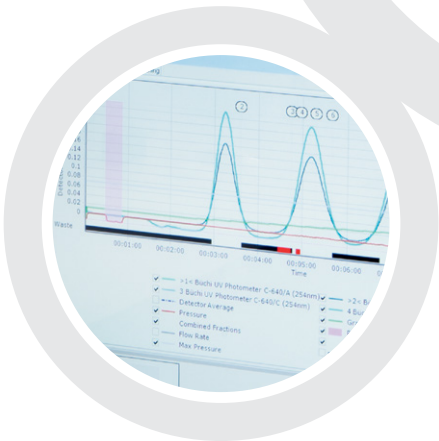
FlashPure Cartridges



ELS Detector C-650



Sepacore® X50



SepacoreControl Software



Glass columns C-690



Your most important benefits

High performance flash purification

- High efficiency separation at a pressure up to 50 bar (725 psi). No limitation in the selection of the column for normal phase or reversed phase separation mode even using small particle size silica.
- Save time when optimizing the detection conditions with the simultaneous monitoring of 4 wavelengths in the UV-Vis range. Possible recognition of the eluting compound with the on-line UV scan of the eluting compounds.
- Every single compound can be collected thanks to the multisignal monitoring for peak detection and fraction collection.

Flexible

- Easy system expansion with a modular configuration: control via integrated touch screen or separate computer.
- Possibility to add an additional fraction collector for extended collection capacity, ELS universal detection .
- Free choice of fraction collection vessel and pattern to suit changing application requirements.

Scalable

- Sample injection scalable from a few milligrams up to hundred grams on flash cartridges up to 800 g or glass columns.
- Stable performance when scaling up using a flow rate up to 250 mL/min.

Your solution «Purification Versatile»



Sepacore® X50 system including:

- Binary gradient pumping system, 250 mL/min, 50 bar (725 psi)
- Liquid or solid sample injection
- UV-Vis detection
- Fraction collection
- Control software
- FlashPure Cartridges
- Glass columns
- ELS detection



- Reference applications
- Laboratory chromatography guide
- Customized application support
- Practical workshops, trainings and seminars
- Minimized downtime thanks to our service hotline

“The high pressure rating of the Sepacore® system allows to reproduce some HPLC methods, such as for the preparative separation of diastereoisomers.”

Provider of products and services for the pharmaceutical industry, UK



Solution «Purification Easy» First step into controlled chromatography

You routinely purify your samples on an open glass column and have to cope with a limited resolution and a long separation time. As a first step toward automation, we offer a small system allowing to control the flow rate and the eluent composition. The «Easy» purification system addresses the requirements specific to the isolation of compounds from a synthesis mixture.

FlashPure
Cartridges



Sepacore® «Easy»
Purification System



Fraction collection racks

Your most important benefits

Improved separation

- Finetuned separation efficiency using gradient elution.
- Controlled separation optimization with precise monitoring of the eluent composition.
- Increased purity of the collected fractions with a higher resolution of the separation.

Time and money savings

- Reduced elution time from hours to minutes with controlled flow rate and solvent composition allowing to reduce the fraction volumes for a faster evaporation.
- Decreased purification cost with lower solvent consumption.
- Low initial investment with upgrade possibilities.

Easy and safe

- Intuitive control of pumping parameters: no training required
- Minimized solvent exposure

Your solution «Purification Easy»



Sepacore® «Easy Synthesis» purification system including:

- Binary gradient pumping system, 250 mL/min, 10 bar (145 psi)*
- Injection valve (up to 5 mL sample)
- System stand with cartridge holder and connectors
- FlashPure Cartridges
- Fraction collection racks



- Reference applications
- Laboratory chromatography guide
- Customized application support
- Practical workshops, trainings and seminars
- Minimized downtime thanks to our service hotline

* Similarly, the «Easy Extract» purification system allows to purify larger sample volumes on glass column at a pressure up to 50 bar (725 psi).

Find out more about the Sepacore® purification systems:
www.buchi.com/purification-systems



Purification systems



	Reveleris® PREP	Reveleris® X2	Reveleris® X2-UV	Sepacore® X50	Sepacore® Easy
--	--------------------	------------------	---------------------	------------------	-------------------

Solutions

	Page	Reveleris® PREP	Reveleris® X2	Reveleris® X2-UV	Sepacore® X50	Sepacore® Easy
«Purification Dual»	6	●				
“Purification ELSD / UV Flash”	8		●			
“Purification UV Flash”	10			●		
“Purification Versatile”	12				●	
“Purification Easy”	14					●

Characteristics

Maximum pressure (bar/psi)	120/1700	15/200	15/200	10 / 145 or 50 / 725	10 / 145 or 50 / 725
Maximum flow rate (mL/min)		200		250	250
UV detection	200 - 500 nm	Optional 200 - 850 nm		200 - 840 nm	Optional upgrade
ELS detection	Integrated	Integrated or as optional upgrade	Optional upgrade	Optional external	Optional

Prepacked flash cartridges



Stationary
phase

FlashPure
Cartridges

Particle size	Particle shape	Cartridge size
Silica		
15 µm	spherical	4 – 330g
20 µm	irregular	4 – 330g
40 µm	irregular	4 – 1500g
50 µm	irregular	4 – 3000g
C-18		
30 µm	spherical	4 – 330g
40 µm	irregular	4 – 330g
50 µm	spherical	4 – 3000g
C-18-WP		
20 µm	irregular	4 – 330g
Amino / Diol		
30 µm	spherical	4 – 330g
40 µm	irregular	4 – 330g
50 µm	spherical	4 – 330g
Alumina Neutral / Basic / Acidic		
60 µm	irregular	4 – 3200g

Preparative HPLC columns



Stationary
phase

Prep HPLC
columns

Silica
10 µm, 60 Å

10, 20, 30 50 mm ID
150, 250 mm length

Silica
15 µm, 60 Å

10, 20, 30 50 mm ID
150, 250 mm length

C18
10 µm, 100 Å

10, 20, 30 50 mm ID
150, 250 mm length

C18
15 µm, 100 Å

10, 20, 30 50 mm ID
150, 250 mm length

Empty flash columns



Glass columns

Internal diameter (mm): 15, 26, 36, 49, 70, 100

Length (mm): 100, 230, 460, 920



Empty flash cartridges to be filled with the CartridgeR®

Cartridge sizes: 4, 8, 40, 90 g



Flash chromatography cartridge for any solution

Choose the cartridge for your need

FlashPure cartridges are offered in a wide range of sizes, covering different stationary phases, particle sizes & geometries. This enables the flash user to choose the cartridge which best suits his purification needs.

RFID tagged cartridges: Easy handling in combination with a Reveleris® system.

FlashPure ID

- Different normal and reversed phases
- C18 with wide pores (C18-WP) for peptide applications

FlashPure ID HP

- Smaller particles for more demanding normal phase applications
- Narrow particle size distribution

Features	FlashPure ID		FlashPure ID HP
Phase	Silica*, C18 Amino, Diol	C18-WP	Silica
Particle size	40 µm	20 µm	20 µm
Particle geometry	irregular		irregular
Cartridge size	4 - 330 g		4 - 330 g
Fitting inlet	Luer lock		Luer lock
Fitting outlet	Luer slip		Luer slip

* Compatible TLC plates available



The tag allows:

- Automatic detection of the cartridge and method setup
- Tracking of cartridge usage and history

Non RFID tagged cartridges: Universal Usage

FlashPure

- General purpose cartridges for normal phase applications

FlashPure Select

- Superior performance with small, spherical particles
- Recommended for demanding purifications

FlashPure EcoFlex

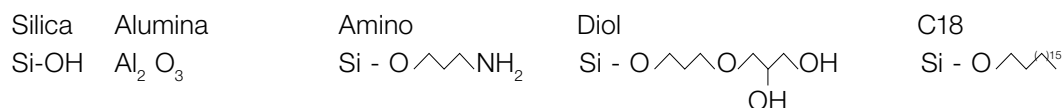
- Wide range of hardware formats for compatibility with all flash systems
- Best economic solution and maximum flexibility in terms of media and hardware

FlashPure	FlashPure Select		FlashPure EcoFlex					
Silica*	Silica	C18 Amino Diol	Silica*		C18	Amino Diol	Alumina Neutral* / Basic*/ Acidic	
40 µm	15 µm	30 µm	50 µm		50 µm		60 µm	
irregular	spherical		irregular		spherical		irregular	
4 - 1500 g	4 - 330 g		4 - 3000 g	4 - 330 g	3.5 - 280 g (Solid loader prepacked 85 %)	4 - 3000 g	4 - 330 g	8 - 3200 g
Luer lock	Luer lock		Luer lock		Luer lock			
Luer slip	Luer lock with Luer slip adapter	Luer slip	Luer slip	Luer lock with Luer slip adapter		Luer slip		

* Compatible TLC plates available

FlashPure stationary phases

Various solutions for normal phase and reversed phase applications



Decreasing polarity →			
Silica	Amino	Diol	C18
Conventional applications, polar compounds	Better peak shapes with polar and basic compounds, ideal for carbohydrates	Alternate selectivity for a variety of polarity types, ideal for lipids	Non-polar compounds
Alumina			C18-WP
Polar compounds			A high resolution wide pore media for large molecule purification, ideal for peptides, proteins, lipids



Flash chromatography cartridge for any solution

Choose the cartridge for your need

Ultimate flexibility with optimized economy: self-packed cartridges

Cartridger®: a unique solution for fast and easy packing of polypropylene cartridges

- Less than a minute required to pack a cartridge
- Homogeneous packing: patented process using fluidized silica provides high performance cartridges

Flexible and cost saving solution

- Free choice of silica
- On demand cartridge packing: no storage
- Reusable polypropylene cartridges



Visibility and scale-up: Glass columns

Visibility

- Follow up of the separation of colored compounds
- Visual observation of the packing status

Maximum scale up flexibility

- Sample loading up to more than 300 g
- High efficiency purification with back pressure up to 50 bar
- Free choice of sorbent



Diameter (mm)	Length (mm)			
	100	230	460	920
15	9	20	40	80
26	25	65	130	260
36	-	115	235	470
49	-	230	460	920
70	-	470	940	1800
100	-	935	1850	3700

Maximized throughput at controlled cost: Prep HPLC columns

High loading capacity

- High mass loading capacity using spherical and small particle size silica
- Purification capacity up to 1 g sample on columns with an ID up to 50 mm

Cost saving

- Batch to batch and column to column reproducible packing process
- High stability of the stationary phase even after multiple gradient runs



Column diameter (mm)	Standard flow rate (mL / min)	Sample load (mg)
10	5	2 - 50
21.2	20	20 - 200
30	40	50 - 400
50	120	100 - 1000

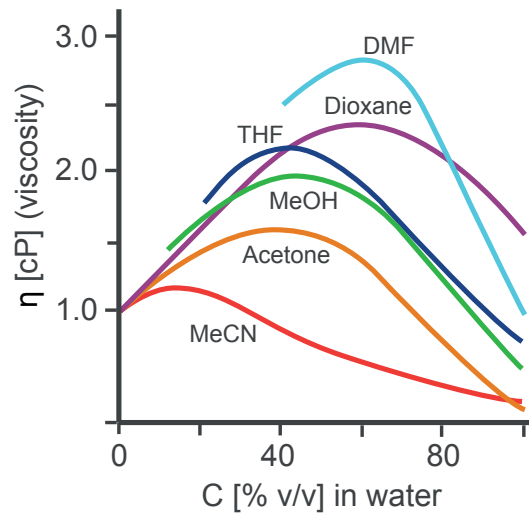
Dimensions (ID x L) mm	Silica			C18		C18
	5 µm	10 µm	15 µm	5 µm	10 µm	15 µm
4.6 x 250	●			●		
10.0 x 150		●	●		●	●
10.0 x 250		●	●		●	●
21.2 x 150		●	●		●	●
21.2 x 250		●	●		●	●
30.0 x 150		●	●		●	●
30.0 x 250		●	●		●	●
50.0 x 250		●	●		●	●

What are the benefits of a medium (50 bar/725 psi) or high pressure (120 bar/1700 psi) pumping system?

It allows running reversed phase separations even at high flow rates. The solvents used in reversed phase applications (such as water/MeOH) have a higher viscosity than the ones used for normal phase separations: in particular the mixtures of water and methanol have a viscosity twice as large as water alone. This is the reason why only a medium pressure pump can be used for high scale reversed phase purifications.

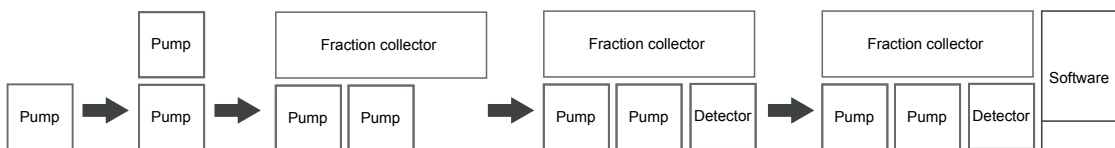
Such a pressure is also useful to work with smaller particle size columns: BUCHI Silica HP is 20 µm instead of 40 – 63 µm for other standard packing materials and the back pressure generated significantly grows when the particle size decreases:

$$\text{Back pressure} = k/(\text{particle size})^2.$$



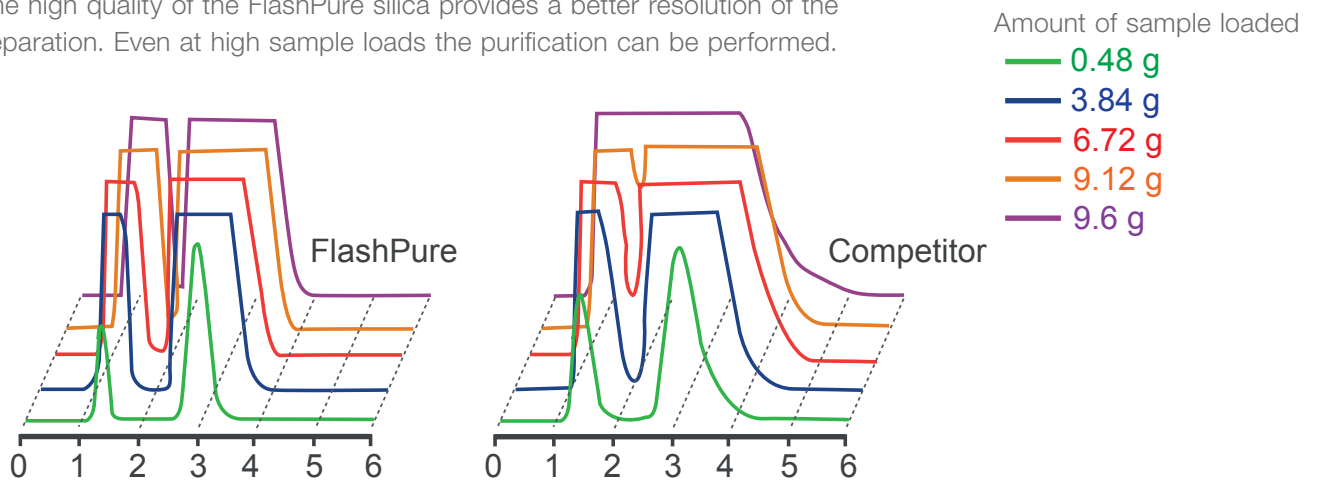
What are the upgrade possibilities of the BUCHI Sepacore® purification solutions?

The unique modularity of the Sepacore® systems allows you to gradually upgrade your configuration from a manual to a fully automated chromatography system. Each module can be individually controlled and the initial system expanded according to budget and applications.



How does the quality of silica impact the resolution and loading capacity?

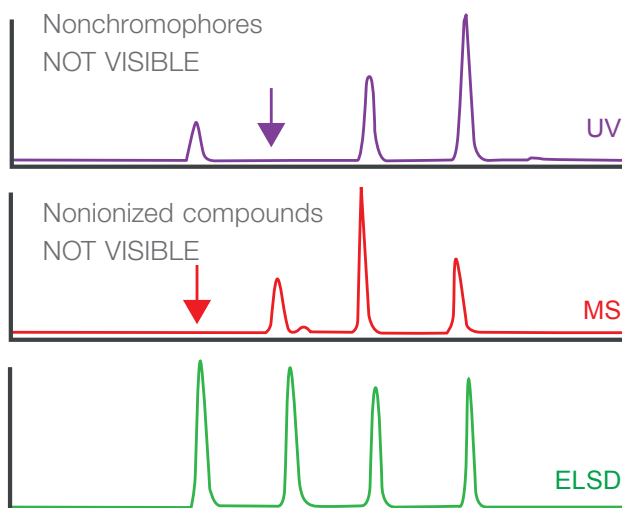
The high quality of the FlashPure silica provides a better resolution of the separation. Even at high sample loads the purification can be performed.



Cartridge: 40 g Silica Cartridge
Sample: Peak 1: Toluene
Peak 2: Dimethyl Phthalate
Mobile Phase: Hexane/Ethyl Acetate (70/30)
Flow Rate: 40 mL/min
Detector: UV at 254 nm

What is the advantage of ELSD?

The Evaporative Light Scattering Detector allows to detect all non-volatile compounds.



Detects all non volatiles

Complete your preparative chromatography portfolio

Complementary and related products

The following products are the ideal complements to your purification system. Most of our customers use them in their isolation and purification process.

Laboratory Rotary Evaporator



The Rotavapor® R-300 is a comprehensive rotary evaporation solution with sophisticated operating modes to safely evaporate your compounds to dryness.

Parallel Evaporator



The Syncore® Analyst parallel evaporator efficiently and safely evaporates the fractions collected with your preparative chromatography system.

Industrial Rotary Evaporator



Use the BUCHI industrial rotavapors R-220 SE or R-250 for solvent recycling when performing large scale purifications.

Soxhlet Extraction



Automate your solid-liquid extraction process using the Extraction Unit B-811.

SpeedExtractor



Optimize your extraction process with the Speed-Extractor E-914 or E-916, the best in its class for pressurized extraction.

Melting Point



Check the purity of your compounds using the M-560 or M-565 Melting Point product for melting point or boiling point determination.

Vacuum Pump



The Vacuum Pump V-300 is a chemically resistant PTFE diaphragm pump. It impresses with its silent and economical operation.

Recirculating Chiller



Sustainable cooling in accordance with economical and ecological needs is achieved with the Recirculating Chiller F-308 and F-314.

Mixer



For optimal extraction, prepare your sample using the B-400 Mixer for an efficient homogenization.

Spray Dryer



The Mini Spray Dryer B-290 is the product of choice for the quick and gentle drying to powder of liquid solutions.

Nano Spray Dryer



The Nano Spray Dryer B-90 revolutionizes today's spray drying possibilities with the unique ability to generate particle sizes in the nano range for milligram sample quantities at high yields.

Encapsulator



Encapsulate your active ingredients in a matrix for protection or controlled release using the Encapsulator B-390 or B-395 Pro.



Support and customer service

From feasibility to preventive maintenance

You value an efficient and personalized service. Our network of professional application specialists and service technicians as well as a large number of satisfied customers around the world give you the assurance that you are working with the right partner.



Improve your applications

A team of highly qualified specialists can support you for application development. Some applications and publications are available on our web site as examples to help you find the right configuration and separation parameters for your samples.

Discover our application:
www.buchi.com/applications



Learn more about Chromatography

More than 30 years of experience in preparative chromatography are summarized in the BUCHI Laboratory Chromatography Guide. This reference book covers all important topics such as stationary phases, column packing, mobile phases, detection, upscaling.

Find more information:
www.buchi.com/chromatography



Discover our numerous case studies

BUCHI offers over 130 different case studies. By using real information, the online case studies bring to life the complexities of business and give you an understanding of the wide range of the applications supported by our products, systems, solutions and services.

Discover our case studies:
www.buchi.com/casestudies





Profit from workshops, trainings and seminars

We regularly offer practical seminars and workshops, often in co-operation with other partners in the field of sample preparation and analysis. Customer contributions thereby underline how our solutions facilitate the daily routine. We also attend many local and international scientific and industrial congresses.

Find an overview of our activities:
www.buchi.com/events



Use your product most effectively

We help you to set your product properly into operation. We provide thorough Installation/Operation Qualification (IQ/OQ) services to ensure compliance with FDA, GLP/GMP standards or GAMP guidelines. Whether it is because of an initial installation, requalification or relocation, we provide professional compliance verification.

Find out more about our services:
www.buchi.com/service-support



Minimize downtimes

Avoid products' downtimes with preventative maintenance and tailored service packages. We offer a product warranty of one year and guarantee ten years of spare parts availability.

Get in touch with us:
www.buchi.com/warranty



Global Network

Our subsidiaries and qualified distribution partners ensure proximity where ever you are. Since we are familiar with your requirements, we use our experience and knowledge to provide first-rate solutions.

Get in touch with us:
www.buchi.com/worldwide

BUCHI Affiliates:

Europe

<p>Switzerland/Austria</p> <p>BÜCHI Labortechnik AG CH – 9230 Flawil T +41 71 394 63 63 F +41 71 394 64 64 buchi@buchi.com www.buchi.com</p>	<p>Benelux</p> <p>BÜCHI Labortechnik GmbH Branch Office Benelux NL – 3342 GT Hendrik-Ido-Ambacht T +31 78 684 94 29 F +31 78 684 94 30 benelux@buchi.com www.buchi.com/bx-en</p>	<p>France</p> <p>BUCHI Sarl FR – 94656 Rungis Cedex T +33 1 56 70 62 50 F +33 1 46 86 00 31 france@buchi.com www.buchi.com/fr-fr</p>	<p>Germany</p> <p>BÜCHI Labortechnik GmbH DE – 45127 Essen T +800 414 0 414 0 (Toll Free) T +49 201 747 49 0 F +49 201 747 49 20 deutschland@buchi.com www.buchi.com/de-de</p>
<p>Italy</p> <p>BUCHI Italia s.r.l. IT – 20010 Cornaredo (MI) T +39 02 824 50 11 F +39 02 575 12 855 italia@buchi.com www.buchi.com/it-it</p>	<p>Russia</p> <p>BUCHI Russia/CIS Russia 127287 Moscow T +7 495 36 36 495 russia@buchi.com www.buchi.com/ru-ru</p>	<p>United Kingdom</p> <p>BUCHI UK Ltd. GB – Oldham OL9 9QL T +44 161 633 1000 F +44 161 633 1007 uk@buchi.com www.buchi.com/gb-en</p>	<p>Germany</p> <p>BÜCHI NIR-Online DE – 69190 Walldorf T +49 6227 73 26 60 F +49 6227 73 26 70 nir-online@buchi.com www.nir-online.de</p>

America

<p>Brazil</p> <p>BUCHI Brasil Ltda. BR – Valinhos SP 13271-200 T +55 19 3849 1201 F +55 19 3849 2907 brasil@buchi.com www.buchi.com/br-pt</p>	<p>USA/Canada</p> <p>BUCHI Corporation US – New Castle, DE 19720 T +1 877 692 8244 (Toll Free) T +1 302 652 3000 F +1 302 652 8777 us-sales@buchi.com www.buchi.com/us-en</p>
--	---

Asia

<p>China</p> <p>BUCHI China CN – 200233 Shanghai T +86 21 6280 3366 F +86 21 5230 8821 china@buchi.com www.buchi.com/cn-zh</p>	<p>India</p> <p>BUCHI India Private Ltd. IN – Mumbai 400 055 T +91 22 667 75400 F +91 22 667 18986 india@buchi.com www.buchi.com/in-en</p>	<p>Indonesia</p> <p>PT. BUCHI Indonesia ID – Tangerang 15321 T +62 21 537 62 16 F +62 21 537 62 17 indonesia@buchi.com www.buchi.com/id-in</p>	<p>Japan</p> <p>Nihon BUCHI K.K. JP – Tokyo 110-0008 T +81 3 3821 4777 F +81 3 3821 4555 nihon@buchi.com www.buchi.com/jp-ja</p>
<p>Korea</p> <p>BUCHI Korea Inc. KR – Seoul 153-782 T +82 2 6718 7500 F +82 2 6718 7599 korea@buchi.com www.buchi.com/kr-ko</p>	<p>Malaysia</p> <p>BUCHI Malaysia Sdn. Bhd. MY – 47301 Petaling Jaya, Selangor T +60 3 7832 0310 F +60 3 7832 0309 malaysia@buchi.com www.buchi.com/my-en</p>	<p>Singapore</p> <p>BUCHI Singapore Pte. Ltd. SG – Singapore 609919 T +65 6565 1175 F +65 6566 7047 singapore@buchi.com www.buchi.com/sg-en</p>	<p>Thailand</p> <p>BUCHI (Thailand) Ltd. TH – Bangkok 10600 T +66 2 862 08 51 F +66 2 862 08 54 thailand@buchi.com www.buchi.com/th-th</p>

BUCHI Support Centers:

<p>South East Asia</p> <p>BUCHI (Thailand) Ltd. TH-Bangkok 10600 T +66 2 862 08 51 F +66 2 862 08 54 bacc@buchi.com www.buchi.com/th-th</p>	<p>Middle East</p> <p>BÜCHI Labortechnik AG UAE – Dubai T +971 4 313 2860 F +971 4 313 2861 middleeast@buchi.com www.buchi.com</p>	<p>Latin America</p> <p>BUCHI Latinoamérica S. de R.L. de C.V. MX – Mexico City T +52 55 9001 5386 latinoamerica@buchi.com www.buchi.com/es-es</p>
--	---	--

We are represented by more than 100 distribution partners worldwide.
 Find your local representative at: www.buchi.com

