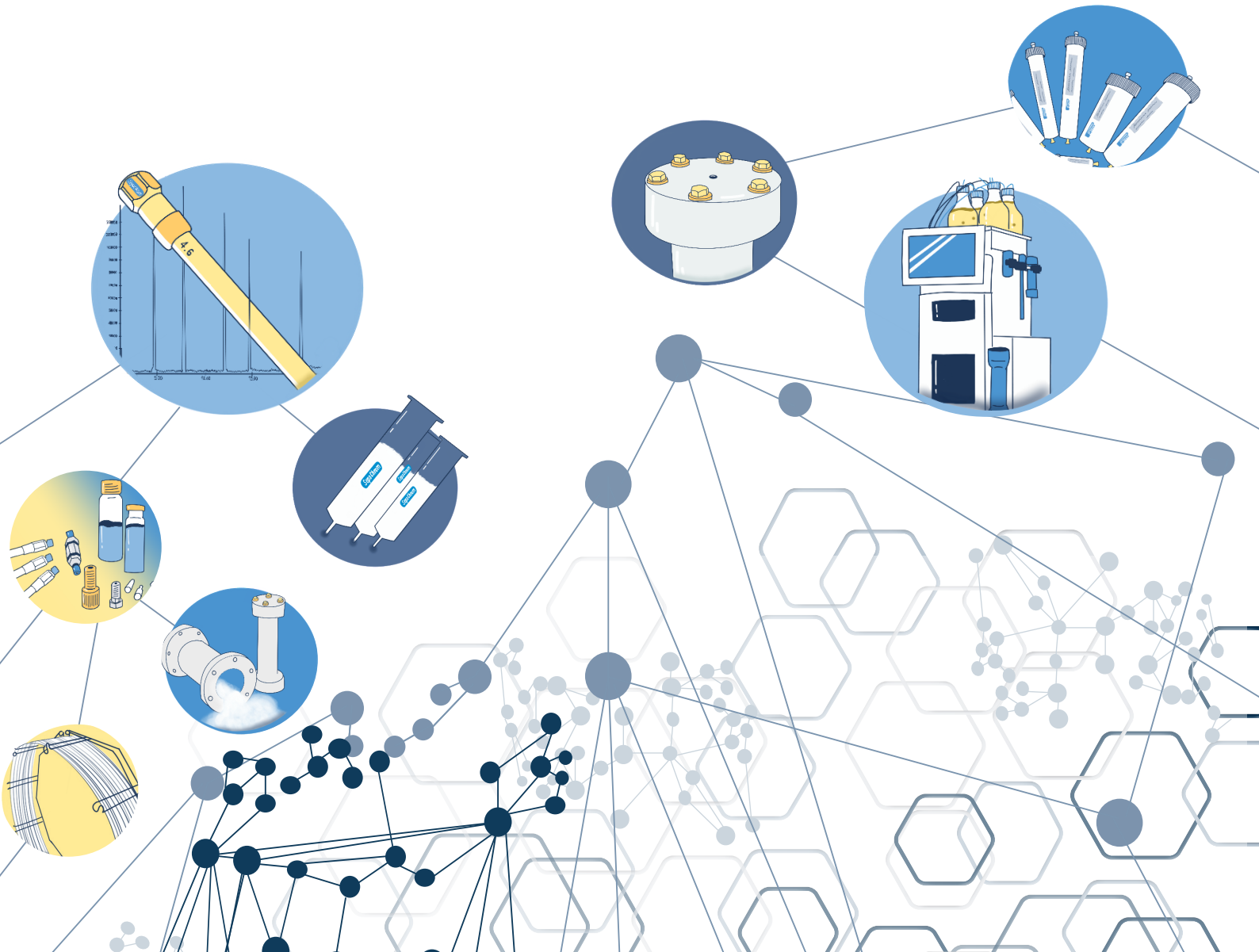


## PeakBiotech



Process Chromatography Systems & Columns



# Your Specialists in Chromatography

## Company Profile

**SepaChrom** is the brainchild of the founders to create a dedicated reality, unique and able to support the **Chromatography users** optimizing their challenges.

Our Core competence is the manufacturing and trading of **High-Quality** products for **Chromatography**.

**SepaChrom** product portfolio includes a wide range of in-house manufactured **HPLC** Columns in both **Analytical** and **Preparative** scale, **Flash** cartridges & Instruments, and **Process** scale purification.

Our offer of products for Chromatography includes consumables and accessories, for both **HPLC** and **GC** techniques.

Our brands **Robusta**®, **Adamas**®, **Vydamas**®, **TMC**®, **Purezza**®, **Sepa-Bulk**® are only few of the product lines we propose to the **Chromatographers**.

## Our Mission

Decades of experience of our team, combined with a range of High Quality selected products and the most efficient technological solutions, allows **SepaChrom** to be a reference to :

- **Pharma,**
- **Biotech,**
- **Chemical,**
- **Food and Beverage,**
- **Cosmetic,**
- **Environmental,**
- **Clinical**
- **Petrolchemical**

industries, at **R&D** department as well **QC** laboratories and **Production**.

Our commitment is to provide the Highest Technical Support that Chromatographers expect from

## Your Specialist in Chromatography



## Customers in Mind

The success of **SepaChrom** depends by the complete **satisfaction** of our customers, and consequently by their success.

**SepaChrom** expertise result in a High-Quality support **pre & after** sales to the Chromatographic Users.

A world-wide Distributor Network will assure the users the best in class technical and commercial support to properly approach their Chromatography challenges.

This include a **fast delivery** of your products from our warehouse to everywhere.



## PeakBiotech

Peak Biotech A/S manufacture chromatography equipment from pilot to production process scale to the Pharmaceutical and Biotech industry providing :

- High focus on customer requirements.
- Expert know-how.
- Many years of experienced within the pharmaceutical and biotech industry.
- Single source supplier.
- Customized solutions that works.
- Service minded staff.

## General Option available for Columns & Systems

- Compression method: DAC (Dynamic Axial Compression), Mechanically Compression of Fixed Bed.
- Distributor: Stainless steel distributor and removable frit design
- Sealings: PTFE or PE (USP Class VI option).
- Software: Fully automated batch control software, compliant with GAMP 4, CFR Part 11 and S88 program standard.
- Explosion proof: All systems are available in Explosion proof version for Europe (ATEX) or US (Class one div II).



## Chromatography Columns

### LPLC columns

- Pressure rated for 6 - 10 bar.
- Diameters from 50 - 2000 mm.
- Bed length: Max. / Packed up to 1500 / 750 mm.

### MPLC columns

- Pressure rated for 20 / 30 bar.
- Diameters from 50 - 2000 mm.
- Bed length: Max. / Packed up to 1500 / 750 mm.

### HPLC columns

- Pressure rated for 100 bar.
- Diameters from 50 - 1000 mm.
- Bed length: Max. / Packed up to 1500 / 750 mm.



## Chromatography Systems

### LPLC systems

- Pressure rated for 6 - 10 bar.
- Flow rate from 6 - 5000 l/h.
- Isocratic or feedback gradient from in-line instrument like conductivity.

### MPLC systems

- Pressure rated for 20 / 30 bar.
- Flow rate from 6 - 3000 l/h.
- Isocratic or feedback gradient from in-line instrument like conductivity.

### HPLC systems

- Pressure rated for 100 bar.
- Flow rate form 6 - 1000 l/h.
- Isocratic or feedback gradient from in-line instrument like NIR, refractor meter or density



## Slurry handling equipment & Other Equipments

- Slurry handling units for soft media
- Slurry handling units for hard silica media
- Pressure rated buffer tanks (mobile or stationary).
- Fractions tanks (mobile or stationary).
- CIP / SIP units.
- Bufferprep systems.
- Stainless steel constructions.
- Service, repair, maintenance and spare parts.
- Software solutions.

## Other products available from SepaChrom

### HPLC

HPLC Silica Based Columns for Routine Analysis  
 HPLC & UHPLC Silica Based Columns for Small Molecules Separation  
 HPLC Silica Based Columns for Large Molecules Separation  
 HPLC Silica Based Columns for Traditional Chinese Medicine  
 Polymer Base Columns for Carbohydrate & Organic Acids Analysis Chiral HPLC Columns  
 Ion Chromatography Columns for Anions and Cations Analysis

VYdamas®



ROBUSTA®

Adamas®

### MEDIA

Irregular & Spherical Silica Gel for Flash, Preparative & Industrial Purification  
 Raw & Bonded Silica Gel for Any Application  
 Wide Range Porosity (30Å- 2500Å) and Particle Size (10µ-200µ)  
 Polymer Based Resin for Reversed Phase and Ion Exchange Chromatography

### PREP

10mm - 50mmID Packed Preparative Columns for Lab Scale Purification packed by SepaChrom  
 50mm - 2000mmID Process Scale Chromatography Columns & Systems, Flanged & DAC Technology  
 OEM Packed Preparative Columns  
 Scale-up Method Development & Custom Packing Service

ROBUSTA®

Adamas®

VYdamas®

### FLASH

Instruments for Flash and Prep Chromatography up to 825mL/min & 400 bar pressure  
 Integrated ELSD & MS Simple Quad Detector for Flash Purification  
 TLC Plates and Accessories for Flash Chromatography  
 A Complete Range of Flash Columns for All Existing Flash Instruments

turezza

Advion Interchim

### SPE

SEClute™, Extract-Clean™, Maxi-Clean™ SPE Cartridges for Pharma, Environmental, Food&Beverage Applications.  
 PuroPhase™ Polymer Base SPE Cartridges for Clinical & Forensic Applications.  
 Maxi-Clean™ Ion Chromatography SPE Cartridges  
 Vydac® - Bioselect SPE Cartridges for Biological Samples  
 Accessories for SPE & Syringe Filters

### OTHER INSTRUMENTS

SepaChrom Hydrogen, Nitrogen and Air Generators for GC  
 SepaChrom Nitrogen Generators for LC-MS  
 Automated Sample Evaporators for Lab Scale Purification  
 Interchim Advion CMS Compact Mass Spectrometer Detector

### CONSUMABLE

Autosampler Vials for HPLC, IC e GC  
 Head Space and Sampling Vials  
 SS & PEEK Tubing, Fittings, Ferrule & Valves  
 Syringes and Septa for GC  
 Traps for GC Gas Lines