

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 Specialists 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.

VYDAC®, ALLTIMA®, ALLTIMA® HP, PREVAIL™, APOLLO™, ALLSEP®, APEX™, GENESIS™



HPLC Column Ranges Acquired by Hichrom Limited

Hichrom Limited have acquired the worldwide exclusive rights to manufacture **Vydac®**, **Alltima®**, **Alltima® HP**, **Prevail™**, **Apollo™**, **Allsep®**, **Apex™**, and **Genesis™** analytical HPLC column ranges from Grace.

Based in the UK, Hichrom are a leading European manufacturer and distributor of UHPLC and HPLC columns, consumables and media, with manufacturing facilities accredited to both ISO9001 (Quality) and ISO14001 (Environmental) standards.

Hichrom have now commenced manufacture of these columns to the same exacting manufacturing protocols and to identical specifications previously used by **Grace/Alltech**.

Part numbers also remain unaffected by the acquisition. Under the terms of the acquisition, the complete range of these products are now exclusively available from Hichrom and our global distributor network, and are no longer available directly from **Grace**.

Alltima®

Key Features

- **Base deactivated silica**
- **Stable bonding for long column lifetime**
- **Symmetrical peak shape**

The Alltima® HPLC column range was developed by Alltech. Hichrom acquired the entire range from Grace. Alltima® phases are acid and base-deactivated, giving excellent peak shape for acids, bases, and neutrals in a single run. Polymerically bonded and double-encapped for long column lifetimes, Alltima® columns are great general purpose "workhorse" columns.

Alltima® Phase Specifications					
Phase	Particle Size (µm)	Endcapped	Properties	Applications	USP Code
C18	3 - 5 - 10	Yes	Classic reversed-phase retention and selectivity	High quality hydrophobic general purpose C18	L1
C18-LL	5	Yes	Lower carbon load than traditional Alltima C18	Reversed-phase applications that require a less hydrophobic C18 phase	L1
C8	3 - 5	Yes	Lower retention compared to C18 phases	Reversed-phase applications where C18 is too retentive	L7
Amino	3 - 5	No	General purpose amino suitable for normal or reversed-phase use	Use for carbohydrate analysis or as a weak anion exchanger	L8
Cyano	3 - 5	Yes	General purpose cyano suitable for normal or reversed-phase use	Rugged normal-phase applications	L10
Phenyl	3 - 5	Yes	Less hydrophobic than C18 phase	Selective to aromatic compounds	L11
Silica	3 - 5 - 10	-	Highly polar phase	General purpose normal phase applications	L3

Ordering Information					
Phase	Particle	Length x ID	Part No.		
Alltima®	C18	3µ	50 x 2.1	BB0030	
		3µ	50 x 4.6	BB0032	
		3µ	100 x 2.1	BB0022	
		3µ	100 x 4.6	BB0024	
		3µ	150 x 2.1	BB0025	
		3µ	150 x 4.6	BB0027	
		5µ	50 x 2.1	BB0082	
		5µ	50 x 4.6	BB0083	
		5µ	100 x 2.1	BB0023	
		5µ	100 x 4.6	BB0070	
		5µ	150 x 2.1	BB0072	
		5µ	150 x 4.6	BB0076	
		5µ	250 x 2.1	BB0078	
		5µ	250 x 4.6	BB0081	
		10µ	150 x 4.6	BB0001	
		10µ	250 x 4.6	BB0004	
		C18 LL	5µ	150 x 4.6	BB0093
			5µ	250 x 4.6	BB0095
C8	3µ	50 x 4.6	BB0040		
	3µ	100 x 4.6	BB0038		
	3µ	150 x 4.6	BB0039		
	5µ	100 x 4.6	BB0159		

Ordering Information				
Phase	Particle	Length x ID	Part No.	
Alltima®	C8	5µ	150 x 4.6	BB0103
		5µ	250 x 4.6	BB0106
	Amino	3µ	50 x 4.6	BB0017
		3µ	100 x 4.6	BB0015
		3µ	150 x 4.6	BB0016
		5µ	150 x 4.6	BB0060
	Cyano	5µ	250 x 4.6	BB0061
		3µ	50 x 4.6	BB0046
		3µ	100 x 4.6	BB0044
		3µ	150 x 4.6	BB0045
	Phenyl	5µ	150 x 4.6	BB0111
		5µ	250 x 4.6	BB0112
		3µ	50 x 4.6	BB0050
		3µ	100 x 4.6	BB0047
	Silica	3µ	150 x 4.6	BB0049
		5µ	150 x 4.6	BB0118
		5µ	250 x 4.6	BB0119
		3µ	50 x 4.6	BB0055
Silica	3µ	100 x 4.6	BB0052	
	3µ	150 x 4.6	BB0054	
	5µ	150 x 4.6	BB0125	
	5µ	250 x 4.6	BB0128	

HPLC Columns - Alltima® HP

Alltima® HP

Key Features

- High purity silica
- Excellent column stability
- Low to no detectable column bleed
- pH stability from 1 to 10
- Multiple selectivity options

The Alltima® HP range of HPLC columns was developed by Alltech. Hichrom acquired this range from Grace. Alltima® HP columns offer a range of different phase chemistries based on high purity silica. The Alltima® HP product family combines the selectivity and performance needed to overcome the most challenging separation needs. The low column bleed makes these columns ideal for microbore applications.

Alltima® HP Phase Specifications					
Phase	Particle Size (µm)	Endcapped	Properties	Applications	USP Code
C18	3 - 5	Yes	Classic reversed-phase retention and selectivity	Routine applications	L1
C18-EPS	3 - 5	Yes	Greater retention and enhanced peak symmetry for polar compounds. Alternative selectivity to traditional reversed-phase	Reversed-phase applications where C18 is too retentive	L1
C18-HiLoad	3 - 5	Yes	Highest carbon load for superior retention and loadability	High resolution for complex samples	L1
C18-AQ	3 - 5	Yes	100% water wettable	Applications requiring high aqueous mobile phases	L1
C8	3 - 5	Yes	Lower retention compared to C18 phases	Reversed-phase applications where C18 is too retentive	L7
Cyano	3 - 5	Yes	Extremely stable, long life and reproducible	Ideal for basic drug analysis	L10
Silica	3 - 5	-	Highly polar phase	General purpose normal phase applications	L3
HILIC	3 - 5	-	Hydrophilic Interaction Chromatography uses small amounts of water for increased sensitivity with microbore applications	Very polar analytes that are difficult to retain by reversed-phase	L3

Ordering Information				
Phase	Particle	Length x ID	Part No.	
Alltima® HP	C18	3µ	100 x 2.1	BF0005
		3µ	100 x 4.6	BF0007
		3µ	150 x 4.6	BF0009
		5µ	150 x 2.1	BF0135
		5µ	250 x 2.1	BF0140
		5µ	150 x 4.6	BF0137
		5µ	250 x 4.6	BF0142
	C18-EPS	3µ	100 x 2.1	BF0055
		3µ	100 x 4.6	BF0056
		3µ	150 x 4.6	BF0059
		5µ	150 x 2.1	BF0185
		5µ	250 x 2.1	BF0187
		5µ	150 x 4.6	BF0186
		5µ	250 x 4.6	BF0189
	C18 HiLoad	3µ	100 x 2.1	BF0067
		3µ	100 x 4.6	BF0068
		3µ	150 x 4.6	BF0069
		5µ	150 x 2.1	BF0201
		5µ	250 x 2.1	BF0205
		5µ	150 x 4.6	BF0197
		5µ	250 x 4.6	BF0207
	C18-AQ	3µ	100 x 2.1	BF0262
		3µ	100 x 4.6	BF0043
		3µ	150 x 4.6	BF0044
		5µ	150 x 2.1	BF0176
		5µ	250 x 2.1	BF0180
		5µ	150 x 4.6	BF0177
		5µ	250 x 4.6	BF0181

Ordering Information				
Phase	Particle	Length x ID	Part No.	
Alltima® HP	C8	3µ	100 x 2.1	BF0085
		3µ	100 x 4.6	BF0086
		3µ	150 x 4.6	BF0087
		5µ	150 x 1.0	BF0218
		5µ	150 x 2.1	BF0219
		5µ	150 x 4.6	BF0221
		5µ	250 x 4.6	BF0225
	Cyano	3µ	50 x 2.1	BF0101
		3µ	150 x 2.1	BF0098
		3µ	150 x 4.6	BF0100
		5µ	150 x 2.1	BF0231
		5µ	100 x 4.6	BF0259
		5µ	150 x 4.6	BF0232
		5µ	250 x 4.6	BF0234
	Silica	3µ	150 x 2.1	BF0119
		3µ	50 x 4.6	BF0122
		3µ	150 x 4.6	BF0121
		5µ	150 x 2.1	BF0252
		5µ	250 x 2.1	BF0255
		5µ	150 x 4.6	BF0254
		5µ	250 x 4.6	BF0257
	HILIC	3µ	50 x 2.1	BF0116
		3µ	150 x 2.1	BF0112
		3µ	150 x 4.6	BF0113
		5µ	150 x 1.0	BF0242
		5µ	150 x 2.1	BF0243
		5µ	150 x 4.6	BF0244
		5µ	250 x 4.6	BF0247

Prevail™

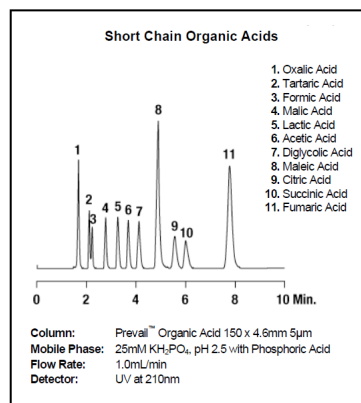
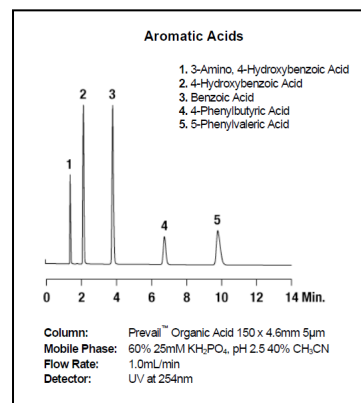
Key Features

- Stable from highly organic to highly aqueous
- Speciality phases for specific applications
- Excellent sensitivity with microbore and ELSD applications

The Prevail™ range of HPLC columns were developed by Alltech®. Hichrom acquired this range from Grace. The Prevail™ range exhibits long lifetimes in both highly aqueous and highly organic mobile phases. The stability of these phases is such that a single column can be switched between highly aqueous, for analysis of highly polar analytes, and highly organic, for strong retention of hydrophobic analytes.

Prevail™ Phase Specifications					
Phase	Particle Size (µm)	Endcapped	Properties	Applications	USP Code
C18	3 - 5	Yes	Stable in highly aqueous to highly organic mobile phases	Flexibility to switch between varied mobile phase conditions to suit a variety of applications. Excellent sensitivity for microbore applications	L1
C18-Select	3 - 5	Yes	Stable in highly aqueous to highly organic mobile phases	Suitable for applications where greater retention than the Prevail C18 is required	L1
C8	5	Yes	Stable C8 phase	Use for highly hydrophobic compounds that retain too strongly on C18	L7
Amide	3 - 5	Yes	Low Bleed Polar-embedded Phase	Minimizes interaction of polar samples	L1
Cyano	3 - 5	Yes	General purpose cyano suitable for normal or reversed-phase use	Rugged normal phase applications	L10
Organic Acid	3 - 5	Yes	Highly efficient silica-based, acid-stable phase	Separates common organic acids with unsurpassed resolution, speed and sensitivity. Lower cost than polymeric columns	-

Ordering Information				
Phase	Particle	Length x ID	Part No.	
Prevail™	C18 Select	3µ	100 x 2.1	BH0016
		3µ	150 x 2.1	BH0018
		3µ	100 x 4.6	BH0017
		3µ	150 x 4.6	BH0020
		5µ	150 x 4.6	BH0058
		5µ	250 x 4.6	BH0060
	C18	3µ	100 x 2.1	BH0006
		3µ	150 x 2.1	BH0008
		3µ	100 x 4.6	BH0007
		3µ	150 x 4.6	BH0010
		5µ	150 x 2.1	BH0044
		5µ	150 x 4.6	BH0043
	C8	5µ	150 x 2.1	BH0063
		5µ	150 x 4.6	BH0064
		5µ	250 x 4.6	BH0066
	Amide	3µ	100 x 4.6	BH0001
		3µ	150 x 4.6	BH0002
		5µ	100 x 4.6	BH0105
		5µ	150 x 4.6	BH0033
		5µ	250 x 4.6	BH0034
	Cyano	3µ	150 x 2.1	BH0024
		3µ	150 x 4.6	BH0025
		5µ	150 x 4.6	BH0078
		5µ	250 x 4.6	BH0079
Organic Acid	3µ	100 x 2.1	BH0026	
	3µ	150 x 4.6	BH0027	
	5µ	150 x 4.6	BH0081	
	5µ	250 x 4.6	BH0082	



For sizes and columns not listed in this page please contact us at info@sepachrom.com

HPLC Columns - Vydac®

Vydac® 300 Å columns are a commonly employed range in bioseparations. Following the acquisition of Grace HPLC ranges by Hichrom, Vydac® columns continue to be available exclusively from Hichrom in capillary to microbore and analytical to preparative dimensions.

Separate biomolecules from small peptides to large intact proteins with the Vydac® family of reversed-phase columns (including Vydac TP, MS, Denali, and Everest) and ion exchange (Vydac® 3021C) columns. Reversed-phase columns for a polypeptide separation should be considered on the basis of the polypeptide's hydrophobicity, with molecular weight as a secondary consideration.

Vydac® TP

Key Features

- Long column lifetime and negligible phase leaching
- Reliable protein purifications, scalable from analytical to preparative scale
- Referenced in a large number of patents and publications

Vydac® TP reversed-phase material consists of aliphatic groups bonded to the surface of 300 Å pore diameter silica.

The large pores of the TP silica give polypeptide molecules complete access to the interior of the silica pores.

Vydac® TP silica is the standard that has defined large pore HPLC for polypeptide separations for nearly two decades.

Vydac® TP Phase Specifications					
Phase	Functional Group	Particle Size (µm)	Properties	Applications	USP Code
214TP	C4	5 - 10	First generation C4 phase	Glycoproteins, haemoglobin variants, histones, insulin variants, membrane proteins	L26
214ATP	C4	5	C4 phase with lower level of endcapping	Optimised for analysis of human growth hormone	L26
208TP	C8	3 - 5 - 10	Less hydrophobic than C18TP phase	Polypeptides 10-20 kDa MW	L7
201TP	C18	5 - 10	Non-endcapped C18 phase	Developed for separation of PAHs	L1
218TP	C18	3 - 5 - 10	First generation polymeric C18 phase with unique selectivity	Small polypeptides 4-5 kDa MW, enzymatic digest fragments, natural and synthetic peptides, multiring compounds	L1
238TP	C18	5	First generation monomeric C18 phase	Use for same applications as 218TP, but offers different C18 selectivity	L1
219TP	Diphenyl	5 - 10	Lowest capacity first generation diphenyl phase	Polypeptides with aromatic side chains, large hydrophobic proteins, membrane-spanning peptides, lipid peptides, fusion proteins from inclusion bodies	L11

Ordering Information				
Phase	Particle	Length x ID	Part No.	
Vydac® TP	214TP	5µ	100 x 2.1	BA0223
		5µ	150 x 2.1	BA0231
		5µ	250 x 2.1	BA0236
		5µ	100 x 4.6	BA0226
		5µ	150 x 4.6	BA0233
		5µ	250 x 4.6	BA0238
		10µ	150 x 4.6	BA0208
		10µ	250 x 4.6	BA0212
	214ATP	5µ	100 x 2.1	BA0588
		5µ	150 x 2.1	BA0147
		5µ	150 x 4.6	BA0145
		5µ	250 x 4.6	BA0150
	208TP	5µ	100 x 2.1	BA0106
		5µ	150 x 2.1	BA0109
		5µ	250 x 2.1	BA0114
		5µ	100 x 4.6	BA0107
		5µ	150 x 4.6	BA0111
		5µ	250 x 4.6	BA0116
10µ		150 x 4.6	BA0093	
10µ		250 x 4.6	BA0096	

For sizes and columns not listed in this page please contact us at info@sepachrom.com

Ordering Information					
Phase	Particle	Length x ID	Part No.		
Vydac® TP	218TP	5µ	100 x 2.1	BA0377	
		5µ	150 x 2.1	BA0382	
		5µ	250 x 2.1	BA0386	
		5µ	100 x 4.6	BA0378	
		5µ	150 x 4.6	BA0383	
		5µ	250 x 4.6	BA0388	
		10µ	150 x 4.6	BA0353	
		10µ	250 x 4.6	BA0358	
		238TP	5µ	150 x 2.1	BA0476
			5µ	250 x 2.1	BA0481
	5µ		100 x 4.6	BA0474	
	5µ		150 x 4.6	BA0478	
	201TP	5µ	250 x 4.6	BA0483	
		5µ	100 x 2.1	BA0017	
		5µ	250 x 2.1	BA0025	
		5µ	100 x 4.6	BA0019	
	219TP	5µ	150 x 4.6	BA0023	
		5µ	250 x 4.6	BA0027	
5µ		150 x 2.1	BA0414		
5µ		250 x 2.1	BA0419		
5µ		100 x 4.6	BA0412		
5µ		150 x 4.6	BA0416		
5µ	250 x 4.6	BA0421			

Vydac® MS

Key Features

- 300 Å pore size spherical silica
- Four reversed-phase chemistries
- Excellent peak shape with little or no TFA
- High protein recoveries make scale-up easy

Vydac® MS is a further development of the Vydac® range for reversed phase separation of biomolecules.

A proprietary surface treatment and bonding process give Vydac® MS columns unique selectivity.

A variety of reversed-phases makes this product line suitable for the analysis of small peptides to large intact proteins.

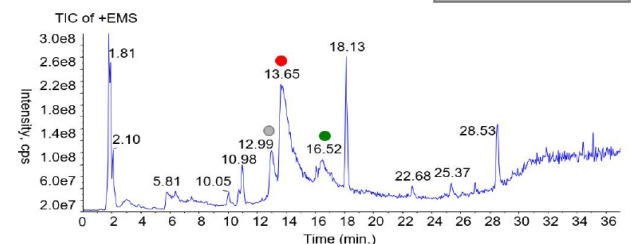
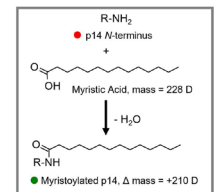
Vydac® MS Phase Specifications					
Phase	Functional Group	Particle Size (µm)	Properties	Applications	USP Code
218MS	C18	5 - 10	Polymeric bonding, highest hydrophobic interaction and unique geometric selectivity	Use for simple enzymatic digests (<12 proteins) or biomolecules 0–5 kDa MW	L1
238MS	C18	5	Monomeric bonding offers increased peptide interaction and generally yields higher peak counts	Use for same applications as 218MS, but offers different C18 selectivity	L1
208MS	C8	5 - 10	Lower hydrophobicity is better for larger biomolecules	Ideal for biomolecules 5–10 kDa MW	L7
214MS	C4	5 - 10	Lower capacity than C18 or C8, suitable for hydrophobic proteins or when minimal organic solvent is desired	Ideal for biomolecules >10 kDa MW, intact proteins, antibodies, oligonucleotides, human growth hormone	L26

Ordering Information				
Phase	Particle	Length x ID	Part No.	
Vydac® MS	218MS	5µ	20 x 2.1	BA0319
		5µ	50 x 2.1	BA0336
		5µ	100 x 2.1	BA0308
		5µ	150 x 2.1	BA0316
		5µ	250 x 2.1	BA0328
		5µ	20 x 4.6	BA0320
		5µ	50 x 4.6	BA0337
		5µ	100 x 4.6	BA0310
		5µ	150 x 4.6	BA0317
		5µ	250 x 4.6	BA0330
	10µ	250 x 4.6	BA0267	
	238MS	5µ	50 x 2.1	BA0460
		5µ	100 x 2.1	BA0439
		5µ	150 x 2.1	BA0446
		5µ	250 x 2.1	BA0453
		5µ	100 x 4.6	BA0440
	208MS	5µ	150 x 4.6	BA0447
		5µ	250 x 4.6	BA0454
		5µ	50 x 2.1	BA0084
		5µ	100 x 2.1	BA0062
5µ		150 x 2.1	BA0068	
5µ		250 x 2.1	BA0077	
5µ		150 x 4.6	BA0070	
5µ	250 x 4.6	BA0078		
10µ	250 x 4.6	BA0053		

Ordering Information				
Phase	Particle	Length x ID	Part No.	
Vydac® MS	214MS	3µ	100 x 4.6	BA0160
		5µ	50 x 2.1	BA0192
		5µ	100 x 2.1	BA0167
		5µ	150 x 2.1	BA0175
		5µ	250 x 2.1	BA0184
		5µ	100 x 3.0	BA0168
		5µ	150 x 3.0	BA0176
		5µ	250 x 3.0	BA0185
		5µ	50 x 4.6	BA0193
		5µ	100 x 4.6	BA0169
		5µ	150 x 4.6	BA0177
		5µ	250 x 4.6	BA0186
		10µ	250 x 4.6	BA0157

Identification of RRV p14 Protein Components by LC-MS

Trifluoroacetic acid (TFA) typically provides the best peak shape and increases the retention of peptides/proteins with basic pI. However, TFA was not used in the mobile phases, since it contributed to significant ion suppression.



Column: VYDAC 214MS5115 (C4, 300Å, 5µm, 1.0 x 150 mm)
 Mobile Phase: A: 0.1% formic acid in 5:95 ACN:Water; B: 0.1% formic acid in 80:20 ACN:Water; Flow rate: 50 µL/min.; Injection volume: 2 µL
 Gradient Program (%B, min.): (25,0), (75,20), (100,25), (100,35), (25, 37)

For sizes and columns not listed in this page please contact us at info@sepachrom.com

HPLC Columns - Other HiChrom

The HPLC columns listed in this page, are available in :

Capillary, Analytical, Semi-Prep and Preparative formats.

Please contact our office for price and ordering information.

Vydac® Everest™

Key Features

- Unique selectivity for hydrophilic and hydrophobic peptides
- 300 Å pore size spherical silica
- Excellent sensitivity with little or no TFA in mobile phase
- Ideal for complex enzymatic digests (>12 proteins)

Everest columns (238EV) have unique selectivity and sensitivity, which are the result of bonding technology that improves C18 surface coverage and deactivates residual silanols.

Leading 300 Å C18 chemistries have had carbon coverage in the 2.8 to 3.6 $\mu\text{mol m}^{-2}$ range.

Everest C18 coverage is in excess of 4 $\mu\text{mol m}^{-2}$ and approximates the theoretical limit based on surface area.

The increased shielding of the base silica increases column lifetime and reduces the amount of TFA required to shield the silica.

Vydac® Denali®

Key Features

- High retentiveness
- LC/MS of small molecules
- Fully scalable from capillary to process

Vydac® Denali (238DE) is a 120 Å C18 bonded phase with high carbon coverage, suitable for the analysis of both acidic and basic analytes.

It has applications for small molecule analyses of interest to pharmaceutical and environmental laboratories.

Apollo™

Key Features

- Easy scale-up from analytical to prep
- Extended pH stability – 1.5 to 10.5

Originally an Alltech® brand, Hichrom acquired the Apollo range of HPLC columns from Grace.

Apollo HPLC columns are based on high purity, base deactivated silica for powerful separations at an economical price.

They are ideal for routine analysis in educational laboratories.

Genesis™

Key Features

- Good peak shape and reproducibility
- Long column lifetime
- pH stability 1 to 10

Genesis HPLC columns were developed by Jones Chromatography.

Hichrom acquired this range of columns from Grace.

Genesis phases are based on high purity, metal-free, spherical silica.

They are suitable for the analysis of a wide range of compounds.

Apex™

Key Features

- Conventional 100 Å pore size spherical silica
- Narrow particle size distribution
- Controlled surface area

Apex® was originally developed by Jones Chromatography.

This range was acquired by Hichrom from Grace.

Apex are an economical range of columns manufactured using traditional silica.

These columns are recommended for routine analysis and legacy methods..

HPLC Columns - Other Columns (Formerly Grace)

The HPLC columns listed in this page, are available in :

Analytical, Semi-Prep and Preparative formats.

Please contact our office for price and ordering information.

Adsorbosphere®

Key Features

- High temperature Bonding for Exceptional Surface Coverage, Stability and Reproducibility
- Spherical, Fully Endcapped

Adsorbosphere® columns are available in the following typologies :
Adsorbosphere® HS (stronger retention of hydrophobic compounds),
Adsorbosphere® UHS (Ultra-High Surface Area and Highest Carbon Load)
Adsorbosphere® XL (Perfect for Strongly Basic Analytes)
and most popular bonding functionalization.

Allsphere®

Key Features

- 80Å Spherical Media in 3µ, 5µ and 10µ
- Wide Selection of Chemistries

Allsphere® is an excellent alternative of Waters Spherisorb® packing.
You can use Allsphere® column as a perfect backup of a Waters Spherisorb® column.

Econosphere®

Key Features

- High-Performance, Low Cost Columns
- 80Å Spherical Media in 3µ, 5µ and 10µ

Allsphere® is a spherical silica, that is acid washed to remove trace metals, monomerically bonded with either C8,C18, CN or NH₂ chemistries.

GreatSmart™

Key Features

- High-Purity Phases
- General Use Selectivity

Originally a Grace® brand well known as GraceSmart™ these columns are ideal for routine analysis.
They offer a great efficiency and reproducible separations at a low cost.

Platinum™

Key Features

- Unique Selectivity for Challenging Separations
- Better Peak Shapes with Polar Analysis
- Excellent Stability and Reproducibility

The exposure of the silica in Platinum™ HPLC columns is controlled to provide a dual mode separation with both polar and non-polar sites exposed to your sample.
It is available also as Platinum™ EPS (Extended Polar Selectivity) with different levels of silica exposure.

VisionHT™

Key Features

- Ultra-fast separations with superior efficiency, sensivity and resolution
- Exceptional stability for long column lifetimes
- Comprehensive sub 2µm stationary phases offering
- 12 000 psig pressure rating compatible with all ultra high-pressure LC systems

The powerful combination of high strength 1.5 µm media with ultra-low volume hardware resolve 95% faster with 4 x greater sensitivity when compared to traditional 2.1 x 150 mm, 5 µm columns.
And with a wide variety of phases available, the possibilities are endless

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

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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