

HICHROM C8 and C18 COLUMNS

For more information contact
WINLAB PTY LTD
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email info@winlab.com.au or call Ph: +61 7 3205 5233 - Fx: +61 7 3205 1231

Features

Ultra pure base deactivated porous silica
Suitable for acidic, basic and neutral molecules
3.5 and 5um particle sizes
Excellent reproducibility
Extended lifetime

HICHROM PHASES

Phase	Functional Group	Endcapped	Particle Size (um)	Pore Size (A)	Surface Area (m2/g)	Carbon Load (%)
C18	Octadecyl	Yes	3.5, 5	150	250	15
C8	Octyl	Yes	3.5, 5	150	250	8

Microbore (1mm i.d. Columns)

Hichrom Phase	Column Dimensions (mm)					Guard ³ Cartridges (1.0mm i.d.)
	10x1.0 ¹	30x1.0 ²	50x1.0	150x1.0	250x1.0	
3.5um						
C8	HI-3.5C8-10CEP	HI-3.5C8-30CEP	HI-3.5C8-50M	HI-3.5C8-150M	*	HI-3.5C8-10CE
C18	HI-3.5C18-10CEP	HI-3.5C18-30CEP	HI-3.5C18-50M	HI-3.5C18-150M	*	HI-3.5C18-10CE
5um						
C8	HI-5C8-10CEP	HI-5C8-50CEP	HI-5C8-50M	HI-5C8-150M	HI-5C8-250M	HI-5C8-10CE
C18	HI-5C18-10CEP	HI-5C18-30CEP	HI-5C18-50M	HI-5C18-150M	HI-5C18-250M	HI-5C18-10CE

Microbore (2.1mm i.d.) Columns

Hichrom Phase	Column Dimensions (mm)					Guard ³ Cartridges (2.1mm i.d.)
	10x2.1 ¹	30x2.1 ²	50x2.1	150x2.1	250x2.1	
3.5um						
C8	HI-3.5C8-10CMP	HI-3.5C8-30CMP	HI-3.5C8-50AM	HI-3.5C8-150AM	*	HI-3.5C8-10CM
C18	HI-3.5C18-10CMP	HI-3.5C18-30CMP	HI-3.5C18-50AM	HI-3.5C18-150AM	*	HI-3.5C18-10CM
5um						
C8	HI-5C8-10CMP	HI-5C8-50CMP	HI-5C8-50AM	HI-5C8-150AM	HI-5C8-250AM	HI-5C8-10CM
C18	HI-5C18-10CMP	HI-5C18-30CMP	HI-5C18-50AM	HI-5C18-150AM	HI-5C18-250AM	HI-5C18-10CM

Medium Bore (3.2mm i.d.) Columns

Hichrom Phase	Column Dimensions (mm)					Guard ³ Cartridges (3.2mm i.d.)
	10x3.2 ¹	30x3.2 ²	50x3.2	150x3.2	250x3.2	
3.5um						
C8	HI-3.5C8-10CSP	HI-3.5C8-30CSP	HI-3.5C8-50AS	HI-3.5C8-150AS	*	HI-3.5C8-10C
C18	HI-3.5C18-10CSP	HI-3.5C18-30CSP	HI-3.5C18-50AS	HI-3.5C18-150AS	*	HI-3.5C18-10C
5um						
C8	HI-5C8-10CSP	HI-5C8-50CSP	HI-5C8-50AS	HI-5C8-150AS	HI-5C8-250AS	HI-5C8-10C
C18	HI-5C18-10CSP	HI-5C18-30CSP	HI-5C18-50AS	HI-5C18-150AS	HI-5C18-250AS	HI-5C18-10C

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Analytical (4.0mm i.d.) Columns

Hichrom Phase	Column Dimensions (mm)					Guard ³ Cartridges (4.0mm i.d.)
	10x4.0 ¹	30x4.0 ²	50x4.0	150x4.0	250x4.0	
3.5um						
C8	*	*	HI-3.5C8-50AF	HI-3.5C8-150AF	*	HI-3.5C8-10C
C18	*	*	HI-3.5C18-50AF	HI-3.5C18-150AF	*	HI-3.5C18-10C
5um						
C8	*	*	HI-5C8-50AF	HI-5C8-150AF	HI-5C8-250AF	HI-5C8-10C
C18	*	*	HI-5C18-50AF	HI-5C18-150AF	HI-5C18-250AF	HI-5C18-10C

Analytical (4.6mm i.d.) Columns

Hichrom Phase	Column Dimensions (mm)					Guard ³ Cartridges (4.6mm i.d.)
	10x4.6 ¹	30x4.6 ²	50x4.6	150x4.6	250x4.6	
3.5um						
C8	HI-3.5C8-10CAP	HI-3.5C8-30CAP	HI-3.5C8-50A	HI-3.5C8-150A	*	HI-3.5C8-10C
C18	HI-3.5C18-10CAP	HI-3.5C18-30CAP	HI-3.5C18-50A	HI-3.5C18-150A	*	HI-3.5C18-10C
5um						
C8	HI-5C8-10CAP	HI-5C8-30CAP	HI-5C8-50A	HI-5C8-150A	HI-5C8-250A	HI-5C8-10C
C18	HI-5C18-10CAP	HI-5C18-30CAP	HI-5C18-50A	HI-5C18-150A	HI-5C18-250A	HI-5C18-10C

Semi-Preparative (7.75mm i.d.) Columns

Hichrom Phase	Column Dimensions (mm)					Guard ⁵ Cartridges (7.75mm i.d.)
	50x7.75	75x7.75	100x7.75	150x7.75	250x7.75	
5um						
C8	HI-5C8-50SP	HI-5C8-75SP	HI-5C8-100SP	HI-5C8-150SP	HI-5C8-250SP	HI-5C8-10CP
C18	HI-5C18-10SP	HI-5C18-75SP	HI-5C18-100SP	HI-5C18-150SP	HI-5C18-250SP	HI-5C18-10C

Semi-Preparative (10.0mm i.d.) Columns

Hichrom Phase	Column Dimensions (mm)					Guard ⁵ Cartridges (10.0mm i.d.)
	50x10.0	75x10.0	100x10.0	150x10.0	250x10.0	
5um						
C8	HI-5C8-50SP1	HI-5C8-75SP1	HI-5C8-100SP1	HI-5C8-150SP1	HI-5C8-250SP1	HI-5C8-10CP
C18	HI-5C18-50SP1	HI-5C18-75SP1	HI-5C18-100SP1	HI-5C18-150SP1	HI-5C18-250SP1	HI-5C18-10CP

Preparative (21.2mm i.d.) Columns

Hichrom Phase	Column Dimensions (mm)					Guard ⁵ Cartridges (21.2mm i.d.)
	50x21.2	75x21.2	100x21.2	150x21.2	250x21.2	
5um						
C8	HI-5C8-50P	HI-5C8-75P	HI-5C8-100P	HI-5C8-150P	HI-5C8-250S1	HI-5C8-10CP
C18	HI-5C18-50P	HI-5C18-75P	HI-5C18-100P	HI-5C18-150P	HI-5C18-250P	HI-5C18-10CP

- 1=Use with free standing holder HI-161
- 2=Use with free standing holder HI-161
- 3=Use with free standing holder HI-161 and column coupler HI-081
- 4=1/pk, 3/pk, 10/pk and starter kits also available
- 5=Use with free-standing holder HI-150 and column coupler HI-081
- 6=3/pk also available