

Capcell Pak®

By Shiseido Co., Ltd.

- Extended pH range from 1-10 provides longer lifetimes with harsh mobile phases
- Novel bonding reduces residual silanols which cause peak tailing
- Polymer coated “capsule type” silica
- Excellent selectivity for polar compounds

Performance Overview of Capcell Pak Media

Type	Base Silica Gel	Polymer Coating	pH Range	Separation Quality	Retention of Polar Compounds
SG	High purity (metal content: <5 ppm)	Mono-layer	2-9	Good	Fair
UG	High purity (metal content: <5 ppm)	Homogeneous mono-layer	2-10	Excellent	Fair
MG	High purity (metal content: <5 ppm)	Controlled homogeneous mono-layer	2-10	Excellent (LC-MS)	Strong
MG-II	High purity (metal content: <5 ppm)	Reinforced homogeneous mono-layer	2-10	Excellent (LC-MS)	Excellent
ACR	High purity (metal content: <5 ppm)	Reinforced homogeneous mono-layer	1-10	Excellent (LC-MS)	Fair
AQ	High purity (metal content: <5 ppm)	Reinforced homogeneous mono-layer	2-9	Excellent (LC-MS)	Excellent

Column Selection By Application

Parameters	Recommended C18 Phase
General-purpose	MG-II, MG
Harsh Acidic Conditions	ACR, DD
Preparative Applications	UG80
Fast Analysis	MG-II, MG S3, UG120
Acid Resistance	ACR > DD > MG-II, MG > UG
Alkaline Resistance	MG-II, MG > ACR > DD > UG
Column Pressure	DD < UG < ACR < AQ < MG-II, MG
Polar Compounds	AQ > DD > MG-II, MG

Ordering Information

UG Series

Part No.	Mfr. No.	Dimensions (mm)	Unit	Price
C8 UG 120 Å 5 µm				
CHO-3831	71503	150 x 4.6	ea	
CHO-3832	71504	250 x 4.6	ea	
Phenyl UG 120 Å 5 µm				
CHO-3841	73504	250 x 4.6	ea	
CN UG 120 Å 5 µm				
CHO-3858	64503	150 x 4.6	ea	
CHO-3859	64504	250 x 4.6	ea	
C18 UG 120 Å 3 µm				
CHO-4831	69790	50 x 2.0	ea	
CHO-3878	61526	50 x 4.6	ea	
CHO-3881	61533	150 x 4.6	ea	
C18 UG 120 Å 5 µm				
CHO-3813	70503	150 x 2.0	ea	
CHO-3814	70504	250 x 2.0	ea	
CHO-3816	61503	150 x 4.6	ea	
CHO-3817	61504	250 x 4.6	ea	
C18 UG 120 Å Guard Cartridge				
CHO-3895	12412	10 x 4.0	2/pk	
C1 UG 120 Å 5 µm				
CHO-3850	63504	250 x 4.6	ea	
NH₂ UG 80 Å 5 µm				
CHO-3868	62504	250 x 4.6	ea	
SCX UG 80 Å 5 µm				
CHO-3882	77003	150 x 4.6	ea	
CHO-3883	77004	250 x 4.6	ea	

SG Series

Part No.	Mfr. No.	Dimensions (mm)	Unit	Price
C18 SG 120 Å 5 µm				
CHO-3941	12512	150 x 4.6	ea	
CHO-3942	12513	250 x 4.6	ea	
C18 SG 120 Å Guard Cartridge				
CHO-3893	12411	10 x 4.0	2/pk	

Ordering Information

MG Series

Part No.	Mfr. No.	Dimensions (mm)	Unit	Price
C18 MG 100 Å 3 µm				
CHO-7140	90821	35 x 2.0	ea	
CHO-7141	90822	50 x 2.0	ea	
CHO-7147	90802	50 x 4.6	ea	
CHO-7148	90806	75 x 4.6	ea	
C18 MG 100 Å 5 µm				
CHO-5839	90301	35 x 2.0	ea	
CHO-5840	90303	150 x 2.0	ea	
CHO-5834	90103	150 x 4.6	ea	
CHO-5835	90104	250 x 4.6	ea	
C18 MG 100 Å 5 µm Guard Cartridges				
CHO-7158	12496	10 x 4.0	2/pk	

MG-II Series

Part No.	Mfr. No.	Dimensions (mm)	Unit	Price
C18 MG-II 100 Å 5 µm – Silanol Shielding (pH 2-10)				
CHO-7623	92532	150 x 4.6	ea	
CHO-7624	92533	250 x 4.6	ea	
C18 MG-II 100 Å 5 µm – Silanol Shielding (pH 2-10) Guard Cartridges				
CHO-7631	12200	10 x 4.0	2/pk	
CHO-7632	12199	10 x 2.0	2/pk	

ACR Series

Part No.	Mfr. No.	Dimensions (mm)	Unit	Price
C18 ACR 80 Å 5 µm – Acid Resistance (pH 1-10)				
CHO-7303	91103	150 x 4.6	ea	
CHO-7304	91104	250 x 4.6	ea	

AQ Series

Part No.	Mfr. No.	Dimensions (mm)	Unit	Price
C18 AQ 5 µm – Aqueous, High Polarity (pH 2-9)				
CHO-7381	92044	150 x 4.6	ea	
CHO-7382	92045	250 x 4.6	ea	

Cartridge Holders

Part No.	Mfr. No.	Description	Unit	Price
CHO-3902	EF4010	Holder for 10 mm cartridges	ea	
CHO-3903	EF4020	Holder for 20 mm cartridges	ea	



Preparative sizes also available.