

Ultra C1 Columns (USP L13)

Chromatographic Properties:

Exceptionally stable C1 phase. Least retentive reversed phase hydrocarbon packing.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.6mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
3µm Columns								
30mm	9101331		9101332		9101333		9101335	
50mm	9101351		9101352		9101353		9101355	
100mm	9101311		9101312		9101313		9101315	
5µm Columns								
30mm	9101531		9101532		9101533		9101535	
50mm	9101551		9101552		9101553		9101555	
100mm	9101511		9101512		9101513		9101515	
150mm	9101561		9101562		9101563		9101565	
200mm	9101521		9101522		9101523		9101525	
250mm	9101571		9101572		9101573		9101575	

3.0mm ID available on request for 3µm particle applications above 4,000 psi (275 Bar).

Ultra C1 Guard Cartridges

Guard Cartridges	3-pk. (10 x 2.1mm)		3-pk. (10 x 4.0mm)		2-pk. (20 x 2.1mm)		2-pk. (20 x 4.0mm)		price
	cat.#	price	cat.#	price	cat.#	price	cat.#	price	
Ultra C1 Guard Cartridge	910150212		910150210		910150222		910150220		

Ultra Cyano Columns (USP L10)

Chromatographic Properties:

High-purity cyano phase with few silanol sites. Often a better choice than C18 phases for basic pharmaceuticals, especially regarding peak shape and selectivity. Cyano phases are more rugged than bare silica for normal phase analyses because they are less sensitive to small amounts of water in the mobile phase.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.6mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
3µm Columns								
30mm	9106331		9106332		9106333		9106335	
50mm	9106351		9106352		9106353		9106355	
100mm	9106311		9106312		9106313		9106315	
5µm Columns								
30mm	9106531		9106532		9106533		9106535	
50mm	9106551		9106552		9106553		9106555	
100mm	9106511		9106512		9106513		9106515	
150mm	9106561		9106562		9106563		9106565	
200mm	9106521		9106522		9106523		9106525	
250mm	9106571		9106572		9106573		9106575	

3.0mm ID available on request for 3µm particle applications above 4,000 psi (275 Bar).

Ultra Cyano Guard Cartridges

Guard Cartridges	3-pk. (10 x 2.1mm)		3-pk. (10 x 4.0mm)		2-pk. (20 x 2.1mm)		2-pk. (20 x 4.0mm)		price
	cat.#	price	cat.#	price	cat.#	price	cat.#	price	
Ultra Cyano Guard Cartridge	910650212		910650210		910650222		910650220		\$148

Ultra Cyano HPLC Prep Columns

Length	10mm ID		21.2mm ID		30mm ID		50mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
5µm Columns								
50mm	9106557		9106558		9106559		9106550	
100mm	9106517		9106518		9106519		9106510	
150mm	9106567		9106568		9106569		9106560	
250mm	9106577		9106578		9106579		9106570	

Physical Characteristics:

particle size: 3µm or 5µm, spherical
pore size: 100Å
carbon load: 5%
pH range: 2.5 to 8
temperature limit: 80°C

also available

HPLC Syringes

See pages 346-349.



Physical Characteristics:

particle size: 3µm or 5µm, spherical
pore size: 100Å
carbon load: 8%
endcap: fully endcapped
pH range: 2.5 to 8
temperature limit: 80°C



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ordering note

We strongly recommend ordering a semi-prep or prep column only after evaluating the desired separation on an equivalent analytical-scale column. Because we cannot re-use a column or the silica it contains once it has left our facility, we cannot accept returns of large-scale columns (except in cases of our error).