

Waters Symmetry : tales of its reproducibility are everywhere / Waters Corporation.

Contributors

Waters Corporation.

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Waters

Symmetry Ordering Information

Symmetry Analytical Steel Columns

Chemistry	Particle Size	Dimensions	Part No.
Symmetry C ₁₈	3.5 µm	4.6 mm x 75mm	WAT066224
Symmetry C ₁₈	3.5 µm	4.6mm x 100 mm	WAT066220
Symmetry C ₁₈	5 µm	2.1 mm x 150 mm	WAT056975
Symmetry C ₁₈	5 µm	3.0 mm x 150 mm	WAT054200
Symmetry C ₁₈	5 µm	3.9 mm x 150 mm	WAT046980
Symmetry C ₁₈	5 µm	4.6 mm x 150 mm	WAT045905
Symmetry C ₁₈	5 µm	4.6 mm x 250 mm	WAT054275
Symmetry C ₁₈	7 µm	7.8 mm x 150 mm	WAT066288
Symmetry C ₁₈	7 µm	7.8 mm x 300 mm	WAT066235
Symmetry C ₁₈	7 µm	19 mm x 150 mm	WAT066240
Symmetry C ₁₈	7µm	19 mm x 300 mm	WAT066245
Symmetry C ₈	3.5 µm	4.6 mm x 75mm	WAT066200
Symmetry C ₈	3.5 µm	4.6mm x 100 mm	WAT066204
Symmetry C ₈	5 µm	2.1 mm x 150 mm	WAT056955
Symmetry C ₈	5 µm	3.0 mm x 150 mm	WAT054230
Symmetry C ₈	5 µm	3.9 mm x 150 mm	WAT046970
Symmetry C ₈	5 µm	4.6 mm x 150 mm	WAT045995
Symmetry C ₈	5 µm	4.6 mm x 250 mm	WAT054270
Symmetry C ₈	7 µm	7.8 mm x 150 mm	WAT066285
Symmetry C ₈	7 µm	7.8 mm x 300 mm	WAT066225
Symmetry C ₈	7 µm	19 mm x 150 mm	WAT066228
Symmetry C ₈	7 µm	19 mm x 300 mm	WAT066230

Symmetry Steel Cartridge Columns (All cartridge columns require reusable endfittings.)

Chemistry	Particle Size	Dimensions	Part No.
Symmetry C ₁₈	3.5 µm	4.6 mm x 75mm	WAT066260
Symmetry C ₁₈	3.5 µm	4.6mm x 100 mm	WAT066265
Symmetry C ₁₈	5 µm	3.9 mm x 50 mm	WAT054220
Symmetry C ₁₈	5 µm	3.9 mm x 150 mm	WAT054205
Symmetry C ₁₈	5 µm	4.6 mm x 150 mm	WAT054210
Symmetry C ₁₈	5 µm	4.6 mm x 250 mm	WAT054215
Symmetry C ₈	3.5 µm	4.6 mm x 75mm	WAT066210
Symmetry C ₈	3.5 µm	4.6mm x 100 mm	WAT066215
Symmetry C ₈	5 µm	3.9 mm x 50 mm	WAT054240
Symmetry C ₈	5 µm	3.9 mm x 150 mm	WAT054235
Symmetry C ₈	5 µm	4.6 mm x 150 mm	WAT054255
Symmetry C ₈	5 µm	4.6 mm x 250 mm	WAT054245

End Connector Kit (includes 2 sets of reusable endfittings, 2 c-clips and Kalrez o-rings) WAT037525

Sentry™ Guard Columns* and Guard Holders (2/pkg)

Chemistry	Particle Size	Dimensions	Part No.
Symmetry C ₈	5 µm	3.9 mm x 20 mm	WAT054250
Symmetry C ₁₈	5 µm	3.9 mm x 20 mm	WAT054225
Integrated Guard Holder	(for Waters steel cartridge columns** only)		WAT046905
Universal Guard Holder	(for any HPLC column)		WAT046910

* Sentry guard columns can be used with either the steel columns or the steel cartridge columns but require the appropriate guard holder.

** For Waters 3.9 mm x 50 mm cartridge column, you must use the Universal Guard Holder.

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It's pretty simple. No other column in the industry delivers such a high level of batch-to-batch reproducibility, long term supply and worldwide availability. Which means you can easily transfer your HPLC methods from R&D to manufacturing, and not even break into a sweat. Of course, you don't have to take our word for it. Check out your colleagues' stories on the back. Then make up your own mind.

Duane Mauzey
McGaw Inc.

"We have high expectations in our method development process. We are concerned about time, validation, reproducibility, peak shape, and overall ease of method development. We are very pleased with Symmetry. We were able to cut our run times and mobile phase usage by 50%, and reduce our organic modifiers enhance our method development process for the full analytical protocol."

Harry Marr
(Research Scientist II)
Glaxo-Wellcome

"I was impressed when I started using Symmetry columns. Symmetry provided me with better peak shapes, less tailing, higher resolution, retention and sensitivity. Also in terms of reproducibility, Symmetry was the most reliable and consistent column compared to the ones I have been using."

Jim Carron
(Cleaning Validation
Manager)

"pH is a powerful tool in methods development. With Symmetry we can employ the entire pH range from 2-7, while maintaining sharper peak definition. We use Symmetry columns for cleaning validation. Our main concern is selectivity, sensitivity and reproducibility. Furthermore, Symmetry columns last longer."

Bob Strack
(Development Supervisor)
Schering Plough

"I started off with Symmetry columns because of their reproducibility. We developed methods in the past which were difficult to transfer to manufacturing due to column lot-to-lot variability. We also got sharper peak shapes and higher selectivity and sensitivity."