

EVØSEP

Standardization is key

The Evosep One provides a standardized solution with excellent reproducibility both “run-to-run”, “column-to-column” and “instrument-to-instrument”, facilitating individual studies and multi-site collaborations alike. Our matched and optimized columns and emitters are key to achieving this and the pre-mounted connection fittings are finger-tight and dead volume free.

ENDURANCE



The Endurance line is used in our standard methods for robust, reproducible performance at ambient temperature **everywhere, for everyone, every time.**

PERFORMANCE

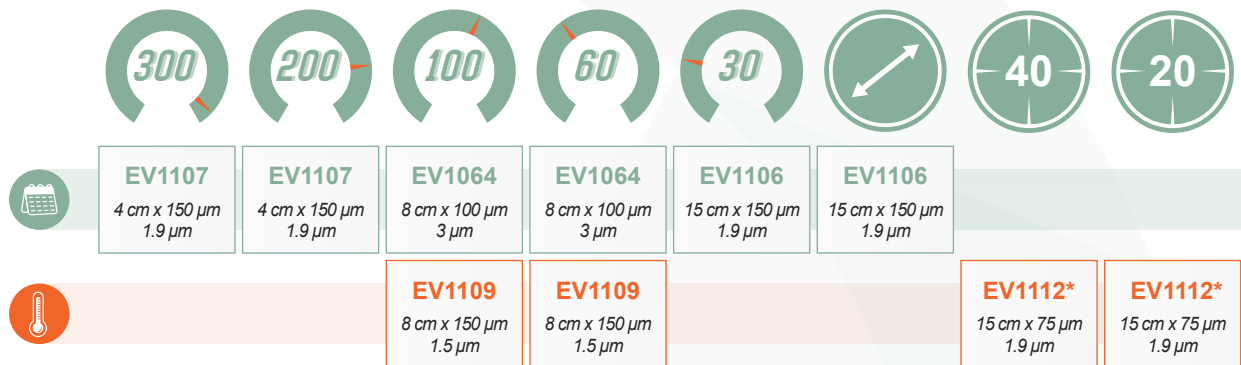


The Performance line is for exceptional results, but also puts some demands on usage such as **requiring elevated column temperature control** to manage system backpressure.



Matched columns

Our analytical columns come with pre-mounted connection fittings. The recommended column for each of our standard methods and EVØSEP+ methods is listed here.



* Use only with EV1111 emitter

Emitters

Evosep emitters are designed with either stainless steel or fused silica and come with integrated liquid junctions for easy zero dead volume, finger tight connections in our source adapters.



EV1086 Stainless steel ID 30µm	EV1087 Fused silica ID 20µm	EV1111 Fused silica ID 10µm
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Ordering information

P/N	PART	DESCRIPTION
EV1064	Endurance Column 8 cm x 100 µm ID, 3 µm	Used by the 60 & 100 samples/day methods. Analytical column with pre-mounted connection fittings. ReproSil-Pur C18, 3 µm beads by Dr Maisch.
EV1094	Endurance Column OE 8 cm x 100 µm ID, 3 µm	Used by the 60 & 100 samples/day methods. Open ended analytical column with UHP union. ReproSil-Pur C18, 3 µm beads by Dr Maisch.
EV1106	Endurance Column 15 cm x 150 µm ID, 1.9 µm	Used by the 30 samples/day & extended methods. Analytical column with pre-mounted connection fittings. ReproSil-Pur C18, 1.9 µm beads by Dr Maisch.
EV1107	Endurance Column 4 cm x 150 µm ID, 1.9 µm	Used by the 200 & 300 samples/day methods. Analytical column with pre-mounted connection fittings. ReproSil-Pur C18, 1.9 µm beads by Dr Maisch.
EV1113	Endurance Column OE 15 cm x 150 µm ID, 1.9 µm	Used by the 30 samples/day & extended methods. Open ended analytical column with UHP union. ReproSil-Pur C18, 1.9 µm beads by Dr Maisch.
EV1114	Endurance Column OE 4 cm x 150 µm ID, 1.9 µm	Used by the 200 & 300 samples/day methods. Open ended analytical column with UHP union. ReproSil-Pur C18, 1.9 µm beads by Dr Maisch.
EV1109	Performance Column 8 cm x 150 µm ID, 1.5 µm	Used by the 60 & 100 samples/day methods. Analytical column with pre-mounted connection fittings. ReproSil Saphir C18, 1.5 µm beads by Dr Maisch.
EV1112	Performance Column 15 cm x 75 µm ID, 1.9 µm	Used by the Whisper 20 & 40 samples/day methods. Analytical column with pre-mounted connection fittings. ReproSil-Pur C18, 1.9 µm beads by Dr Maisch.
EV1115	Performance Column OE 8 cm x 150 µm ID, 1.5 µm	Used by the 60 & 100 samples/day methods. Open ended analytical column with UHP union. ReproSil Saphir C18, 1.5 µm beads by Dr Maisch.
EV1118	Performance Column OE 15 cm x 75 µm ID, 1.9 µm	Used by the nano-flow methods. Open ended analytical column with UHP union. ReproSil-Pur C18, 1.9 µm beads by Dr Maisch.
EV1086	Stainless steel emitters ID 30 µm	Stainless steel emitter with integrated liquid junction. Package of two emitters.
EV1087	Fused silica emitters ID 20 µm	Fused silica emitter with integrated liquid junction. Package of two emitters.
EV1111	Fused silica emitters ID 10 µm	Fused silica emitter with integrated liquid junction. Package of two emitters.

Open-ended columns

All our columns come default with fittings for our own emitters and spray adapters, but when those are not appropriate, you can find open-ended versions (marked OE) of our columns for connecting to your own spray solutions.