

RediSep® Prep Columns

Maximize your Preparative HPLC performance

RediSep® Prep HPLC Columns

When you need the highest purity compound, your first choice should be Teledyne ISCO's RediSep Prep columns. RediSep Prep columns are specifically designed for high performance preparative liquid chromatography (Prep HPLC).

RediSep® Prep Guard Columns

RediSep Prep Guard columns help to maximize the practical lifetime of your Prep column investment. Over time, the performance of a Prep column declines with the accumulation of impurities and particles onto the inlet frit and the head of the column. An inexpensive guard column prevents these impurities and particles from reaching your valuable prep column. Once you begin to see increased backpressure or changes in chromatography (such as peak broadening or changes in retention times), switch out the guard column to see improved performance.

RediSep® Prep UPLC Columns

Matching UPLC column media to our Prep columns allows for method development on analytical UPLC systems and method transfer to our RediSep Prep HPLC columns on Preparative HPLC systems like the ACCQPrep HP150. For more information see our paper: Silver, J. "Overview of Analytical-to-Preparative Liquid Chromatography Method Development." ACS Combinatorial Science, 2019 21 (9), 609-613. DOI: 10.1021/acscmbosci.8b00187



- **Maximum purity**

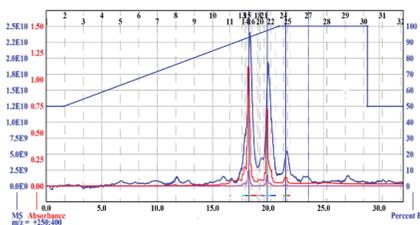
The columns are packed with 5µm particles for maximum purity.

- **Easy method development**

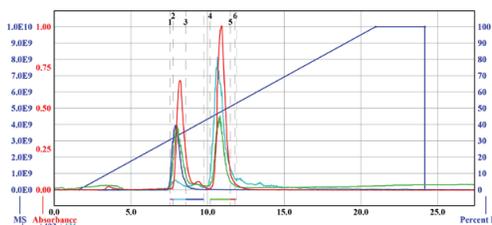
Quickly optimize your method using minimal sample with RediSep Prep HPLC analytical columns.

Features

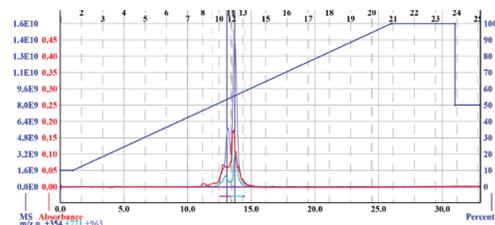
- Column diameters ranging from 10 to 50 mm in both 150 and 250 mm lengths with 5 µm media.
- Analytical method development columns.
- Same chemical bonding techniques used in RediSep Gold and RediSep Prep columns.



NATURAL PRODUCTS



SMALL MOLECULES



PEPTIDES

RediSep Prep columns can be used in a variety of applications, including organic synthesis, drug discovery, natural products, food additives, dyes, small molecules, peptides, agrochemicals, inorganic ligands, and other research applications.

Specifications:

Particle size:	5 µm spherical
Mesh size:	400–632
Pore size:	100 Å C18 (200 Å C8)
Surface area m²/g:	300 ±50
Endcapped:	Yes (Except silica)
Carbon:	16.0–18.0% (C18) 10.0–12.0% (C18Aq) 4.0–6.0% (C8)
Loading capacity:	0.1–2%

RediSep Prep HPLC Columns (5 µ)

Size Length/Diameter (ID)	Catalog #				
	4.6 mm	10 mm	20 mm	30 mm	50 mm
150 mm, C18, 100 Å	69-2203-800	69-2203-808	69-2203-810	69-2203-812	69-2203-814
150 mm, C18Aq, 100 Å	69-2203-801	69-2203-816	69-2203-818	69-2203-820	69-2203-822
150 mm, C8, 200 Å	69-2203-803	69-2203-832	69-2203-834	69-2203-836	69-2203-838
150 mm, Silica, 100 Å	69-2203-802	69-2203-824	69-2203-826	69-2203-828	69-2203-830
250 mm, C18, 100 Å	--	69-2203-809	69-2203-811	69-2203-813	69-2203-815
250 mm, C18Aq, 100 Å	--	69-2203-817	69-2203-819	69-2203-821	69-2203-823
250 mm, C8, 200 Å	--	69-2203-833	69-2203-835	69-2203-837	69-2203-839
250 mm, Silica, 100 Å	--	69-2203-825	69-2203-827	69-2203-829	69-2203-831

RediSep Prep Guard Columns (5 µ)

Size	Catalog #
30 mm, Guard C18, 100 Å	69-2203-804
30 mm, Guard C18Aq, 100 Å	69-2203-805

RediSep Prep UPLC Columns (5 µ)

Size	Catalog #
50 mm, C8, 200 Å, 2.8 µ	69-2203-853
50 mm, C18, 100 Å, 2.8 µ	69-2203-854
50 mm, C18Aq, 100 Å, 2.8 µ	69-2203-855

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Teledyne ISCO is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.



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