

mediterranea™ Sea₁₈ New UHPLC Columns **Tk**

mediterranea UHPLC



mediterranea™ Sea18 1.8 μm

- Ideal for LC-MS applications
- Fully scalable to Industrial Chromatography
- Compatible with 100% aqueous mobile phases
- Robustness and versatility
- Very high efficiency

mediterranea™ sea18 1.8 μm columns have been developed based on the same material as the recognized 5μm column. The result is a column with high efficiency, high reliability and full scalability from UHPLC analytical chromatography to industrial process chromatography.

mediterranea™ sea18 1.8 μm columns are available in 1.8, 2.2, 3, 5, 10, and 15 μm. Its versatility allows the separation of both nonpolar and polar substances, and its robustness to extreme pH values (1.5 to 11) makes it the ideal column for methods development

mediterranea™ sea18 1.8 μm has been developed to offer the highest quality and reproducibility. Teknokroma checks rigorously both each packing batch and every single column.

UHPLC Columns

mediterranea™ sea₁₈ 1.8 μm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
mediterranea	Sea18	1.8	5	0.21		TR-010902
mediterranea	Sea18	1.8	10	0.21		TR-010903
mediterranea	Sea18	1.8	15	0.21		TR-010906
mediterranea	Sea18	1.8	5	0.30		TR-010904
mediterranea	Sea18	1.8	10	0.46		TR-010907
mediterranea	Sea18	1.8	15	0.46		TR-010908

UHPLC Guardcolumns

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
Holder + 2 Cartridges	C18	1.9	1	0.21		GL-5020-88246
2 Cartridges	C18	1.9	1	0.21		GL-5020-88240
Holder + 2 Cartridges	C18	1.9	1	0.30		GL-5020-88248
2 Cartridges	C18	1.9	1	0.30		GL-5020-88242



GL-5020-20382



JR-69330-05

mediterranea™ Sea18 2.2 μm

- Reduces analysis costs with no resolution loss
- Less backpressure than 1.8 μm columns
- High flow rates with no efficiency loss
- Reduces solvent consumption
- Ideal for LC-MS applications

mediterranea™ sea18 2.2 μm is a transitional column fully compatible with cutting-edge HPLC and UHPLC systems, radically improving analysis performance and halving retention times.

The material used for the development of **mediterranea™ sea18 2.2 μm** columns is an ultra-pure, metal-free, state-of-the-art silica gel packing, with a particle size of 2.2 μm and a pore size of 100Å. **mediterranea™ sea18 2.2 μm** uses state-of-the-art silica and the latest bonding and endcapping technology. Compatible with a 100% aqueous mobile phase and it stands extreme pH conditions (1 to 12).

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UHPLC Columns

mediterranea™ sea₁₈ 2.2 μm

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
mediterranea	Sea18	2.2	5	0.21		TR-010900
mediterranea	Sea18	2.2	10	0.21		TR-010901
mediterranea	Sea18	2.2	15	0.21		TR-010921

UHPLC Guardcolumns

Packing	Funct.	Length		Diameter		Cat.Nbr.
		μm	cm	cm	cm	
Holder + 2 Cartridges	C18	2	1	0.21		GL-5020-20382
2 Cartridges	C18	2	1	0.21		GL-5020-20331
Holder + 2 Cartridges	C18	2	1	0.30		GL-5020-20399
2 Cartridges	C18	2	1	0.30		GL-5020-20348

UHPLC Guardcolumn Filter

Description	Pore		Inter.Volume	Cat.Nbr.
	μm	μL		
Stainless Steel Precolumn Filter	0.5	0.61		JR-69330-05
Stainless Steel Precolumn Filter	2	0.66		JR-69330-2
Stainless Steel Precolumn Filter	5	0.68		JR-69330-5