YMC-Actus® SP



Prepacked preparative HPLC columns with spring-assisted axial compression technology

- Prepacked YMC-Actus SP columns provide an ideal solution when packing experience or capabilities are limited
- Great fit for confined spaces
- Available in 50 300 mm ID
- Recommended as a dedicated solution for highly potent, toxic, or radioactive projects



Prepacked YMC-Actus SP columns are an ideal alternative to DAC columns when lab space, packing capabilities, or financial resources are limited. While $10\mu m$ YMC-Triart Prep C18-S resin is typically recommended, Actus SP columns can be packed with your choice of purification resins from YMC or an alternative manufacturer. All columns packed by YMC are QC tested prior to shipment so they are ready to use upon delivery.

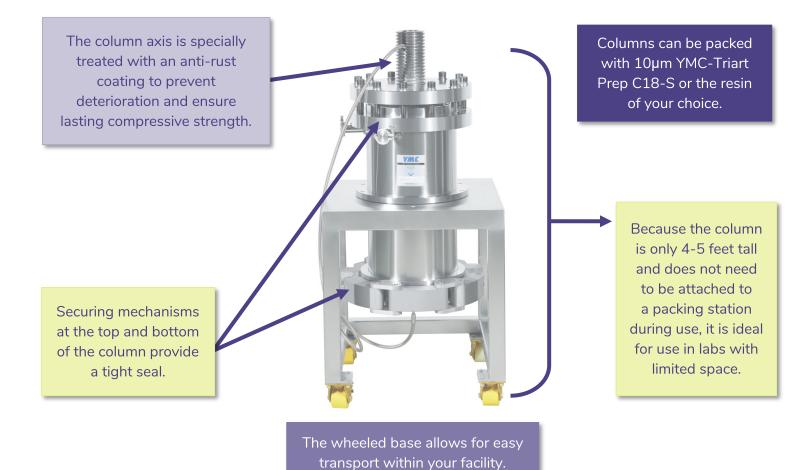


Specifications							
Available IDs (mm)	50, 80, 100, 150, 200, 300	Wetted Materials	SUS316, SUS316L, PTFE				
Column Bed Length	Up to 250mm	Piping/Connection	Swagelok tube fittings				
Max Pressure	1450 psi / 100 bar	Installation	10 - 40º C, ≤ 50% RH				
Filter	SUS316L sintered wire mesh, nominal 2 µm	Environment	10 - 40 °C, \(\delta\) 30 /0 N(1				
		Interior Column	Honing & electrochemical polishing Ra ≤ 0.4 μm for inner surface				
Piston Movement	Spring Axial Compression	Finish					

Suggested Applications

YMC's Actus SP columns are ideal for oligonucleotide desalting and highly potent, toxic, or radioactive projects. Hazardous compounds often require dedicated systems and hardware, rendering traditional DAC columns impractical. Prepacked Actus SP columns eliminate the need to spend time and resources ensuring that a column has been sufficiently cleaned, packed, and validated for re-use.

Features



Ordering Information

For more information about these and other YMC-Actus SP column configurations, contact your YMC rep or info@ymcamerica.com.

Packing Material	Pressure Rating	Column Length	I.D. (mm)*	Product Number	Stand
	1450 psi / 100 bar	250mm	80	TAS12S11-2581DY-T	Tripod Stand
VMC Triort Drop C10 C			80	TAS12S11-2581DY-W	
YMC-Triart Prep C18-S 10µm, 120Å			100	TAS12S11-25A1DY	
			150	TAS12S11-25B1EY	Wheeled Stand
Please inquire for columns			200	TAS12S11-25C1EY	
packed with alternate YMC or non-YMC resins.			300	TAS12S11-25D1TY	

*150mm ID and above are not available in Europe.



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