

YMC Spring Columns



Prepacked preparative HPLC columns with spring axial compression technology

- YMC prepacked Spring 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 Preparative Columns

Prepacked Spring Columns are an ideal alternative to DAC columns when lab space, packing capabilities, or financial resources are limited. While 10 μ m YMC-Triart Prep C18-S resin is typically recommended, Spring 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.

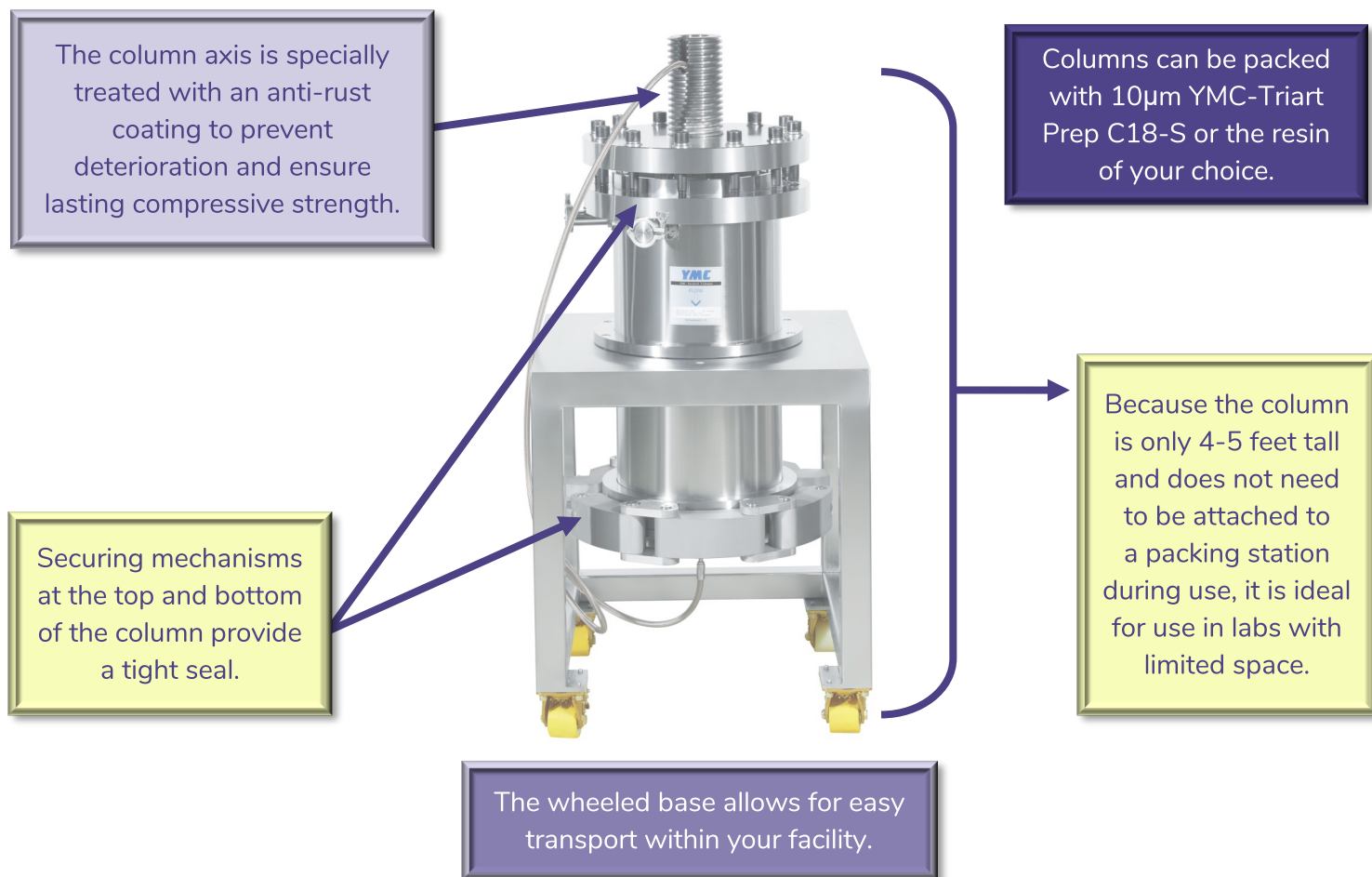
Specifications

| | | | |
|--------------------|---|--------------------------|---|
| 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 Environment | 10 - 40° C, \leq 50% RH |
| Filter | SUS316L sintered wire mesh, nominal 2 μ m | Interior Column Finish | Honing & electrochemical polishing Ra \leq 0.4 μ m for inner surface |
| Piston Movement | Spring Axial Compression | | |

Suggested Applications

YMC's Spring 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 Spring 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

| Packing Material | Pressure Rating | Column Length | I.D. (mm) | Product Number | Stand |
|-------------------------------------|-----------------------|---------------|-----------|-------------------|---------------|
| YMC-Triart Prep C18-S 10µm, 120Å | 1450 psi / 100 bar | 250mm | 50 | TAS12S11-2553AY | Tripod Stand |
| | | | 80 | TAS12S11-2583DY-W | Wheeled Stand |
| | | | 80 | TAS12S11-2583DY-T | Tripod Stand |
| | | | 100 | TAS12S11-25A1DY | Wheeled Stand |
| | | | 150 | TAS12S11-25B1EY | |
| | | | 200 | TAS12S11-25C1EY | |
| | | | 300 | TAS12S11-25D1TY | |



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