

Multipacker® Packing Stations

- Axial packing for high efficiency
- Identical, high performing columns every time
- Easy to use
- Pack multiple columns on demand
- Economically priced

Multipacker® instruments are easy-to-use high-performance packing stations specifically designed for packing Spring™ Columns. Three separate instruments are available for packing 25mm i.d., 50mm i.d., and 101mm i.d. columns. Their ease of operation and short cycle times provide a self-contained versatile column-packing solution.

Spring™ Column hardware offers outstanding convenience and flexibility when used with Multipacker® instruments. The ability to vary bed length continuously up to 30cm and the advantages of the Spring-driven axial compression mechanism provide a high-performance adaptive solution for both product development and process chromatography. Furthermore, compared to traditional column packing processes, Spring™ Column packing requires significantly less adsorbent per column because the bed is formed from the entire quantity of adsorbent introduced into the column, without wastage. More columns can be packed from the same batch of medium, reducing concerns about lot-to-lot variations. Also, because adsorbent requirements are reduced, the cost of a Multipacker® instrument is recovered quickly.

Once packed, Spring™ Column units are independent and maintain axial compression when used separately from the Multipacker® instrument. Consequently, one Multipacker® instrument can be used to maintain an entire fleet of Spring™ Column modules. For the first time, chromatographers have the ability to pack columns on demand and quickly respond to in-house column needs.

Multipacker® instruments provide several unique advantages. You have the ability to pack columns when and where they are needed. You save money with every column packed and less adsorbent is required. You have control of bed length and column volume, and columns can easily be unpacked, with recovery of adsorbent, and repacked in a matter of minutes.

A Multipacker® axial-compression system is able to pack columns at low pressures, so less robust media can be protected from damage and their performance preserved. Reduced mechanical damage to adsorbent with a Multipacker® instrument makes it the perfect match for delicate, non-silica-based media.

Unlike column-packing systems that use awkward hand pumps and can require hours for column packing, Spring™ Column packing takes only minutes and operates with the push of a button. Multipacker® instruments use modular construction that makes them lightweight and easily assembled or disassembled. Key components are produced using advanced aluminum casting techniques that reduce manufacturing costs and provide high strength and reliability.



25 and 50mm i.d. Multipacker® Instruments.

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technical assistance

Contact Tech Support: Phone: 1.800.255.8324 (North America)
 Email: contact.alltech@grace.com
 Online: www.discoverysciences.com

related products

Refer to pages 162–169 for more information on Spring™ Columns for use with Multipacker® packing stations.



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Multipacker® Packing Stations

The World's Most Innovative Preparative Column Packing System

Multipacker® Series 2002 Instrument for 25mm i.d. Spring™ Column Modules

Part No.
IM2002-025IM1

Multipacker® Series 2002 Instrument for 50mm i.d. Spring™ Column Modules

Part No.
IM2002-050IM1

Multipacker® Series 2002 Two-Instrument Bundle for 25mm i.d. and 50mm i.d. Spring™ Column Modules

Part No.
IM2002-025050

Multipacker® Instrument for 101mm i.d. Spring™ Column Modules

Part No.
IM2002-101IM1

more info

For a short web animation and video demonstration, visit the MODcol® section of our website at www.discoverysciences.com/modcol.

related products

Multipacker® instruments require Spring™ Column hardware, purchased separately, for column packing. See listing on pages 162–169.



101mm
Multipacker®
Instrument.

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