

Packing Connector XF 16, Packing Connector XK 26

Instructions

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1 General

**IMPORTANT**

Read through these entire instructions before commencing assembly.

The Packaging Connector XK 16 or XK 26 is used to connect another column, used as a packing reservoir, to a XK 16 or XK 26 column to achieve efficient packing.

A properly packed media bed is essential for obtaining the best results in all forms of liquid chromatography, particularly in gel filtration. The Packaging Connector makes it easy to obtain a well-packed bed of gel filtration and other media in XK 16 and XK 26 Columns, and is especially convenient for fast and easy packing of affinity, IEX and HIC media to short bed heights.

2 Unpacking

The package includes one Packing Connector XK 16 or XK 26 with two seal rings. Inspect the items for obvious damage, that may have occurred during transportation.

3 Material

The Packing Connector is made of reinforced polyacetal plastic. The sealing rings are made of ethylene propylene diene rubber (EPDM). The same material as used in XK columns.

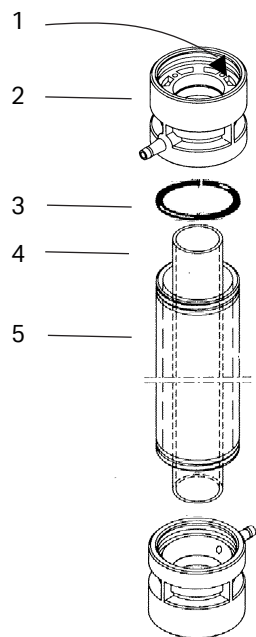
4 Items needed but not supplied

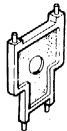
For the best results when packing an XK 16 or XK 26 column, use a reservoir tube with the same length as the column you want to pack. Assembled, ready-to-use columns are available. Refer to [Chapter 8 Ordering information, on page 11](#).

5 Required tools

A dismantling tool is required for assembling the reservoir tube. The tool is supplied with your XK column.

6 Assembling the column for use as a reservoir

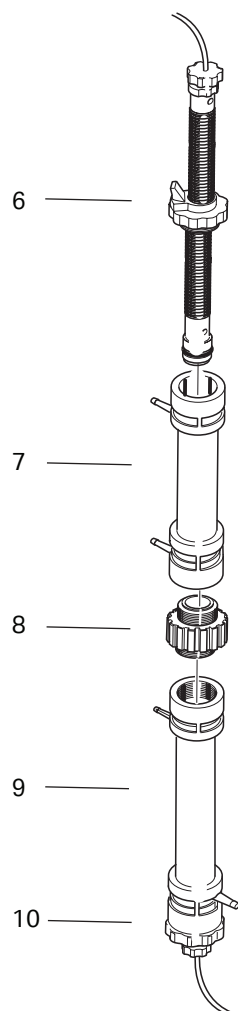


Step	Action
1	Put the chromatographic tube (4) into the thermostatic jacket (5).
2	Screw one of the end pieces (2) into the thermostatic jacket (5), ensuring that the O-ring (3) is in place.
3	Put a sealing ring onto the end of the glass tube followed by a washer.
	
4	Screw the locking ring (1) into the end piece using the dismantling tool.
5	Repeat steps 2–4 for the other end of the column.

7 Preparing an XK column for packing

**WARNING**

When using hazardous chemicals, take all suitable protective measures, such as wearing protective glasses and gloves resistant to the chemicals used. Follow local regulations and instructions for safe operation and maintenance of the system.



Step	Action
1	Remove air from the filter and fit the bottom piece (10) to the XK column to be packed. Tighten the O-ring with the black adjusting knob. Close the outlet.
2	Screw the Packing Connector (8) onto the top of the column to be packed (9).
3	Attach the column that serves as reservoir (7).
4	Pour the gel suspension into the reservoir and the column (7).
5	Fit the AK adapter (6) to the reservoir and lower it to the surface of the gel suspension. Tighten the O-ring with the black adjusting knob.
6	Connect the inlet tubing from the AK adapter (6) to the valve (pump).

Your column is now ready to pack.

Note: Use the flow rates recommended with the packing instructions for your specific media.

Note: The pressure limit is set by your XK column.

Note: The Packing Connector is not intended to be run as two columns in series.

8 Ordering information

Products

	Quantity/pack	Code no.
Packing Connector XK 16	1	18115344
Packing Connector XK 26	1	18115345
Reservoir seal ring (XK 16)	5	19018901
Reservoir seal ring (XK 26)	5	19019001
XK 16/20 column	1	18877301
XK 16/40 column	1	18877401
XK 16/70 column	1	18877501
XK 16/100 column	1	18877601
XK 26/20 column	1	18100072
XK 26/40 column	1	18876801
XK 26/70 column	1	18876901
XK 26/100 column	1	18877001

Accessories

Chromatographic tubes	Quantity/pack	Code no.
XK 16/20 tube	1	19031501
XK 16/40 tube	1	19011301
XK 16/70 tube	1	19011401
XK 16/100 tube	1	19011501
XK 26/20 tube	1	18100084
XK 26/40 tube	1	19014501
XK 26/70 tube	1	19014601
XK 26/100 tube	1	19014701

Thermostatic jackets	Quantity/pack	Code no.
XK 16, 20 cm jacket	1	18001172
XK 16, 40 cm jacket	1	18001173
XK 16, 70 cm jacket	1	18001174
XK 16, 100 cm jacket	1	18001175

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XK 26, 20 cm jacket	1	18100082
XK 26, 40 cm jacket	1	18001167
XK 26, 70 cm jacket	1	18001168
XK 26, 100 cm jacket	1	18879101

End pieces	Quantity/pack	Code no.
End piece complete XK 16	1	18648801
End piece complete XK 26	1	18648801

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