

Top assembly HR5, HR10, HR16

Instructions for use

Package contents

The package contains:

one black end-piece

one adaptor with red adjusting ring

attached preflanged tubing with a tubing connector

Instructions

Removal of top assembly

Step	Action
1	Disconnect the column top inlet tubing from the pump or valve.
2	Rotate the red adjusting ring counter-clockwise. Unscrew the ring from the black end-piece.
3	Pull the adaptor out by the red ring.
4	Unscrew the black end-piece from the glass tube.

Connection of top assembly

Step	Action
1	Screw the black end-piece onto the chromatographic tube and protective jacket.
2	Fill the volume above the filter with buffer to avoid trapping air bubbles when the adaptor is inserted.
3	Insert the adaptor, aligning it so that it engages the slots in the end-piece.
4	Adjust the adaptor to the medium bed by clockwise rotation of the red adjusting ring until there is no space visible between the adaptor and the medium bed. Check that there are no large air bubbles trapped between the medium and the adaptor.
5	Connect the column inlet tubing to the valve.
6	Start the pump and pump buffer at a flow rate of 0.5 to 1.5 ml/min for 5 to 10 minutes.
7	Stop the pump and disconnect the column inlet from the valve.
8	Adjust the adaptor to the medium bed again by clockwise rotation of the red adjusting ring. When there is no space between the adaptor and the medium bed, rotate the red ring an additional half turn for final positioning of the adaptor.
9	Reconnect the column inlet to the valve.

Filter change

To replace the filter on top of the medium bed in HR 10 and HR 16 columns or the filter in the PTFE ring on the adaptor for HR 5 columns, request one of the filter spare parts below. Instructions for changing the filter are supplied with the filters.

Designation	Code No.	No. per pack
Filter HR 5 ¹	18635301	10+4
Filter kit HR 10 ¹	18357501	10+4
Filter kit HR 16 ¹	18358501	10+4
Filter tool ²	18115320	1

¹ Filter HR 5 and Filter kits HR 10 and 16 consists of 10 filters and 4 o-rings.

² The filter tool consists of a hook and a plunger for changing filters in HR 10 and HR 16 columns.

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