

# SB-Columns

## Axially compressible columns for preparative scale liquid chromatography

### Key features

- Axially compressible columns prevent void formation
- Manually compressed column bed
- Adjustable column head extends the column lifetime
- Adjustment height of the piston: 150 mm
- GMP compliant materials: Stainless steel (316L), Teflon
- Cost effective on site repacking
- Documented / certified refill service available at YMC



100mm x 150mmID

YMC SB-Columns feature a manually adjustable column head. The re-adjustment of the piston at the entrance of the column eliminates voids which can form at the column inlet, in case the actual column bed height alters during operation. In this way column performance can be easily maintained over a long production campaign.

YMC SB columns allow convenient column packing of virtually any kind of packing material and assure efficient and stable beds in pilot or production columns.

A packing adapter kit is available on request making the column adaptable to a wide variety of production processes utilizing different stationary and mobile phases.

A packing/refill service for YMC SB Columns at YMC is available on request. YMC Prepacked SB-Columns are chromatographically tested for quality and a copy of the column report is included with the column. This documentation effort does not occur on-site.

The dimensions of YMC SB-Columns range from 50 to 300 mm inner diameter and up to 1000 mm bed height giving you the opportunity to scale your process "on demand".



500mm x 100mmID,  
rack mounted

### Specifications

Inner diameter [mm]	50, 100, 150, 200, 300
Column bed length [mm]	100, 150, 250, 500, 1000