

# Single-layer Glass Columns

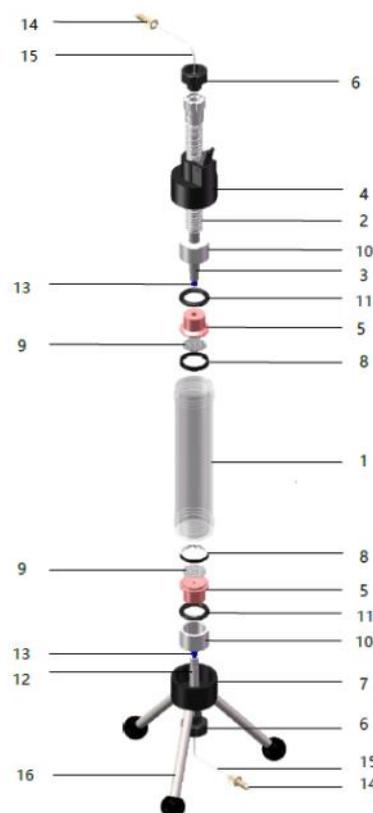
GALAK chromatography glass columns are designed for the standard liquid chromatography of macromolecules. The design is based on high reproducibility and precision results. The columns are compatible with aqueous solution and organic solvent in liquid chromatography. The GALAK column head is applied with chromatography column which includes a head and a bottom. A larger scale of column bed height can be obtained if the bottom part is replaced with another GALAK column head.

## Advantages

- Pressure-resistant borosilicate glass, visualization and stability
- Supporting foot, adjustable level, convenient for users to use
- Reasonable price, high cost performance
- Reproducibility, excellent column efficiency and reliable results
- Zero dead volume structural connections



No	Name	Material
1	Glass Tube	Borosilicate glass
2	Screw	POM
3	Compression bar	POM
4	Screw cap	POM
5	Piston	PP
6	Compression nut	POM
7	Screw cap	POM
8	Filter	PA/PP
9	Support net	PP
10	Screw cap	POM
11	O-ring	VITON (EPDM)
12	Compression bar	POM
13	Locking ring	ETFE
14	Connector	PEEK
15	Capillary	PFA
16	Support Legs	304



<b>Working Temperature</b>	4-40°C
<b>pH Range</b>	1-14
<b>Chemical Stability</b>	Tolerant to salt, acid, alkali, and a small number of organic solvents alcohols, ketones, phenols.
<b>Column Material</b>	Borosilicate glass
<b>Column Head Material</b>	PTFE
<b>Thread-end Material</b>	PEEK
<b>Seal Ring Material</b>	PTFE/EPDM
<b>Tubing Material</b>	1/16&1/8
<b>Connector Material</b>	PEEK 1/16&1/8

No.	Internal Diameter (mm)	Length (mm)	One-side Adjustable Type		Double-side Adjustable Type		Pressure (bar)
			Volume (mL)	Bed Height (cm)	Volume (mL)	Bed Height (cm)	
YS16/200	16	200	4-30	2-14.5	0-30	0-14.5	7
YS16/400	16	400	46-72	22-34.5	17-72	8.5-34.5	7
YS16/1000	16	1000	173-199	82-94.5	144-199	68.5-94.5	7
YS26/200	26	200	10-73	2-14.5	0-73	0-14.5	7
YS26/400	26	400	111-174	22-34.5	43-174	8.5-34.5	7
YS26/1000	26	1000	415-479	82-94.5	347-479	68.5-94.5	7

# BSXK Double-layer Glass Columns

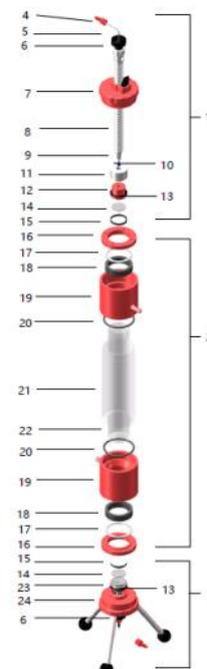
BSXK glass columns are made of borosilicate glass. They allow visual inspection of media bed and exhibit excellent chemical resistance. Column packing can be performed using either a packing reservoir or extra column tube attached with a packing connector. QuickLock of the adapter shaft facilitates rapid and easy movement of the adapter, simplifying adjustments of the bed height and cleaning. Adapter plunger gives a uniform flow which maintains the integrity of the packed bed during operation.

## Advantages

- Pressure resistant glass column tube can be used to clearly observe the column bed
- The column head ensures uniform buffer distribution and repeated loading
- Unique support foot design can adjust the level after placement
- Various specifications, inner diameter: 10, 16, 26, 50mm
- Maximum compression at one end is 17cm, and 2 \* 17cm at both ends
- Direct connection with mainstream purification system



Number	Name	Number	Name
1	Column Head	14	Support net
2	Column tube	15	Sieve
3	Column base	16	Locking pressure ring
4	Pipe joint	17	Gasket
5	Capillary	18	Sealing ring
6	Compression nut	19	Connector
7	Screw cap	20	O-ring
8	Screw	21	Acrylic tube
9	Pressure bar	22	Glass tube
10	Seal lock ring	23	Lower piston
11	Piston gland	24	Lower screw cap
12	Upper piston	25	Support leg
13	O-ring		



<b>Working Temperature</b>	4-40°C
<b>pH Range</b>	1-14
<b>Chemical Stability</b>	Tolerant to salt, acid, alkali, and a small number of organic solvents alcohols, ketones, phenols.
<b>Column Material</b>	Borosilicate glass
<b>Column Head Material</b>	PTFE
<b>Thread-end Material</b>	PEEK
<b>Seal Ring Material</b>	PTFE/EPDM
<b>Tubing Material</b>	1/16&1/8
<b>Connector Material</b>	PEEK 1/16&1/8
<b>Max. Pressure</b>	5 bar

No.	Internal Diameter (mm)	Length (mm)	One-side Adjustable Type		Double-side Adjustable Type	
			Volume (mL)	Bed Height (cm)	Volume (mL)	Bed Height (cm)
BSXK10/150	10	150	-	-	4.7-12	5-13
BSXK10/200	10	200	-	-	4.7-12	5-13
BSXK10/400	10	400	-	-		
BSXK10/1000	10	1000	-	-		
BSXK16/200	16	200	4-30	2-14.5	0-30	0-14.5
BSXK16/400	16	400	46-72	22-34.5	17-72	8.5-34.5
BSXK16/700	16	700	109-136	52-64.5	81-136	38.5-64.5
BSXK16/1000	16	1000	173-199	82-94.5	144-199	68.5-94.5
BSXK26/200	26	200	10-73	2-14.5	0-73	0-14.5
BSXK26/400	26	400	111-174	22-34.5	43-174	8.5-34.5
BSXK26/700	26	700	263-326	54-64.5	195-326	38.5-64.5
BSXK26/1000	26	1000	415-479	82-94.5	347-479	68.5-94.5
BSXK50/200	50	200	19-275	1-14	0-275	0-14
BSXK50/300	50	300	215-471	11-24	0-471	0-24
BSXK50/600	50	600	804-1060	41-54	549-1060	28-54
BSXK50/1000	50	1000	1589-1849	81-94	1334-845	68-94