



Glass Columns

Precision borosilicated glass columns for low and mid-pressure liquid chromatography

- Pressure rating to 1200 psi (80 bars)
- Solvent resistant
- Biocompatible
- Fixed or adjustable height
- Robust and easy to use

Specifications	
Column	Borosilicated glass
Plunger	PTFE
Frit	PTFE & PE
Column diameter	3, 6.6, 10, 15, 25, 35 et 50
Connection option	¼-28" UNF M6
Frits porosity	5, 10, 20, 30 or 50 µm
Max pressure	
3 mm	1200 psi (80 bars)
6.6 mm	900 psi (60 bars)
10 mm	600 psi (40 bars)
15 mm	300 psi (20 bars)
25, 35 & 50 mm :	150 psi (10 bars)

Intended use

- Low to medium pressure liquid chromatography
- Fixed and adjustable end pieces available.
- Minimal dead volume and smooth solvent flow.
- Minimal sample dispersion when entering column
- Maximum biological and chemical compatibility
- System design gives minimal sample dispersion for higher yields
- Minimum dead volume for higher yields
- Easy to use



The precision borosilicated glass columns are ready to use and sold with PE and PTFE frits. Connectors allow the connection of 2 columns of equal bore size but any length.

Chromatography columns are available as complete columns with either :

- 1 fixed, 1 adjustable endpiece
- 2 adjustable endpieces
- 2 fixed endpieces

A tube connection kit is supplied with the complete column.

Øint. (mm)	Endpiece combination	Column length (mm)									maximum length minimale length
		25	50	100	150	250	400	500	750	1000	
3	2 Fixes	25	50	100	150	250					
		25	50	100	150	250					
6.6	2 Fixes	20	70	120	220	370					
		20	70	120	220	370					
	1 Fixe, 1 Ajustable	20	70	120	220	370					
		2.4	2.4	40	140	290					
2 Ajustables	20	70	120	220	370						
	2.4	2.4	2.4	60	210						
10	2 Fixes	20	70	120	220	370	470	720	970		
		20	70	120	220	370	470	720	970		
	1 Fixe, 1 Ajustable	20	70	120	220	370	470	720	970		
		2.4	2.4	40	140	290	390	640	890		
2 Ajustables	20	70	120	220	370	470	720	970			
	2.4	2.4	2.4	60	210	310	560	810			
15	2 Fixes	20	70	120	220	370	470	720	970		
		20	70	120	220	370	470	720	970		
	1 Fixe, 1 Ajustable	20	70	120	220	370	470	720	970		
		2.4	2.4	40	140	290	390	640	890		
2 Ajustables	20	70	120	220	370	470	720	970			
	2.4	2.4	2.4	60	210	310	560	810			
25	2 Fixes		70	120	220	370	470	720	970		
			70	120	220	370	470	720	970		
	1 Fixe, 1 Ajustable	70	120	220	370	470	720	970			
		2.4	40	140	290	390	640	890			
2 Ajustables	70	120	220	370	470	720	970				
	2.4	2.4	60	210	310	560	810				
35	2 Fixes		70	120	220	370	470	720	970		
			70	120	220	370	470	720	970		
	1 Fixe, 1 Ajustable	70	120	220	370	470	720	970			
		2.4	40	140	290	390	640	890			
2 Ajustables	70	120	220	370	470	720	970				
	2.4	2.4	60	210	310	560	810				
50.5	2 Fixes		70	120	220	370	470	720	970		
			70	120	220	370	470	720	970		
	1 Fixe, 1 Ajustable	70	120	220	370	470	720	970			
		2.4	40	140	290	390	640	890			
2 Ajustables	70	120	220	370	470	720	970				
	2.4	2.4	60	210	310	560	810				

For in vitro R&D use only

Please contact Uptima – Interchim for any other information