



Cost-Effective Disposable Chromatography Columns



Accelerating Your Purification Process

Disposable Columns & Packing Service (GMP grade or non-GMP grade)

BioToolomics supplies disposable and scalable chromatography columns and column packing services at reduced cost and increased flexibility. The unique features of BioToolomics columns are:

- Very cost-effective
- Fast delivery
- Packing any commercial resins
- Great flexibility
- Strong technical support
- Faster project start-up
- Much reduced validation cost
- No concerns of cross-contamination
- Lower facility and equipment investment
- Ready to use

Column sizes (any bed height)

Inner diameter (mm)	Typical volume	Connection	Pressure rating	Application
96-well filter plate	1 µl – 500 µl	Fit to high throughput robots, plate centrifuges or vacuum manifolds	--	High throughput screening
5	0.2 ml - 4 ml	1/16" tubing connection, compatible to all the common chromatography systems such as AKTA etc.	6 bar (84 psi)	Resin screening, preparative purifications, process development & validation, viral clearance study
6	0.2 ml - 1 ml			
7	0.4 ml - 8 ml			
11	1 ml - 20 ml			
16	2 ml - 60 ml			
26	5 ml - 100 ml	1/16" tubing connection or mini tri-clamp connection (for GMP use)		Process development, non-GMP pilot production, GMP production (the wet-contact parts of GMP grade columns meet USP and FDA regulatory standards with traceability)
50	100 ml - 400 ml			
80	0.25 litre - 1 litre	Mini tri-clamp	3 bar (42 psi)	
100	0.5 litre - 1.6 litre			
129	1 litre - 2.5 litre			
200	1.5 litre – 6 litre			
240	2 litre - 10 litre			
330	5 litre - 20 litre			
450	15 litre – 32 litre			

We have extensive experiences in packing any type of commercial process chromatography media in the market. Each column is tested for HETP and peak asymmetry. For GMP grade columns, we also sanitise columns and test the endotoxin and bioburden level. BioToolomics packs cGMP grade columns inside our purpose-built Class 7 clean room with full testing documents.



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