



Cost-Effective Disposable Chromatography Columns

Accelerating Your Purification Process



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

BioToolomics provides disposable and scalable chromatography column packing services. 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	Standard plate size	--	High throughput screening
5	0.2 ml - 4 ml	1/16" tubing connection, compatible to all the common chromatography systems such as AKTA etc; Or mini tri-clamp connection (for 11mm – 50mm diameter GMP grade columns)	6 bar (84 psi)	Resin screening
6	0.2 ml - 1 ml			Preparative purifications
7	0.4 ml - 8 ml			Process development & validation
11	1 ml - 20 ml			Viral clearance study
16	2 ml - 60 ml			non-GMP pilot production
26	5 ml - 100 ml			
50	100 ml - 400 ml			
80	0.25 litre - 1 litre	Mini tri-clamp	5 bar (70 psi)	GMP production (available with 11mm to 450mm diameter columns); the wet-contact parts of GMP grade columns meet USP and FDA regulatory standards with traceability
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	Mini tri-clamp	3 bar (42 psi)	

We have extensive experiences in packing any type of commercial process chromatography resins 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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