

# Dynamic Axial Compression-DAC Chromatography Purification Column



## Chromatography Purification System

### VIP Price List



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## Introduction



Analytical Technologies Limited:

Analytical Technologies is synonymous for offering technologies for doing analysis and is the fastest growing global brand having presence in at least 96 countries across the globe. Analytical Technologies Limited is an ISO: 9001 Certified Company engaged in Designing, Manufacturing, Marketing & Providing Service for the Analytical, Chromatography, Spectroscopy, BioTechnology, BioMedical, Clinical Diagnostics, Material Science & Genral Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 6 Regional Offices, 9 Branch Offices & Service Center. Analytical Technologies has Accessories, Consumables, Services and trainings. We have 4 Strategic Business Units (SBU) listed Bellow, Committed to focus in varied interests of our customers.

We are the only company in the world to offer entire range of Liquid Chromatography products, like Nano, Micro, Analytical, Bio, Semi-Preparative, and Preparative and process HPLC Systems, and also, offering services, trainings and consumables for any make of HPLC Systems.

The customers and markets we serve include Pharmaceutical, Life Science, Chemical, Petro Chemicals, Cement, Dyes, Intermediates, Food & Beverages, Hospitals, Pathology Labs, Environmental Science, Polution Control, Forensic Science, Bio Technologies, Universities and Research Institutions.

For more information an latest updates please log on [www.analyticalgroup.net](http://www.analyticalgroup.net)



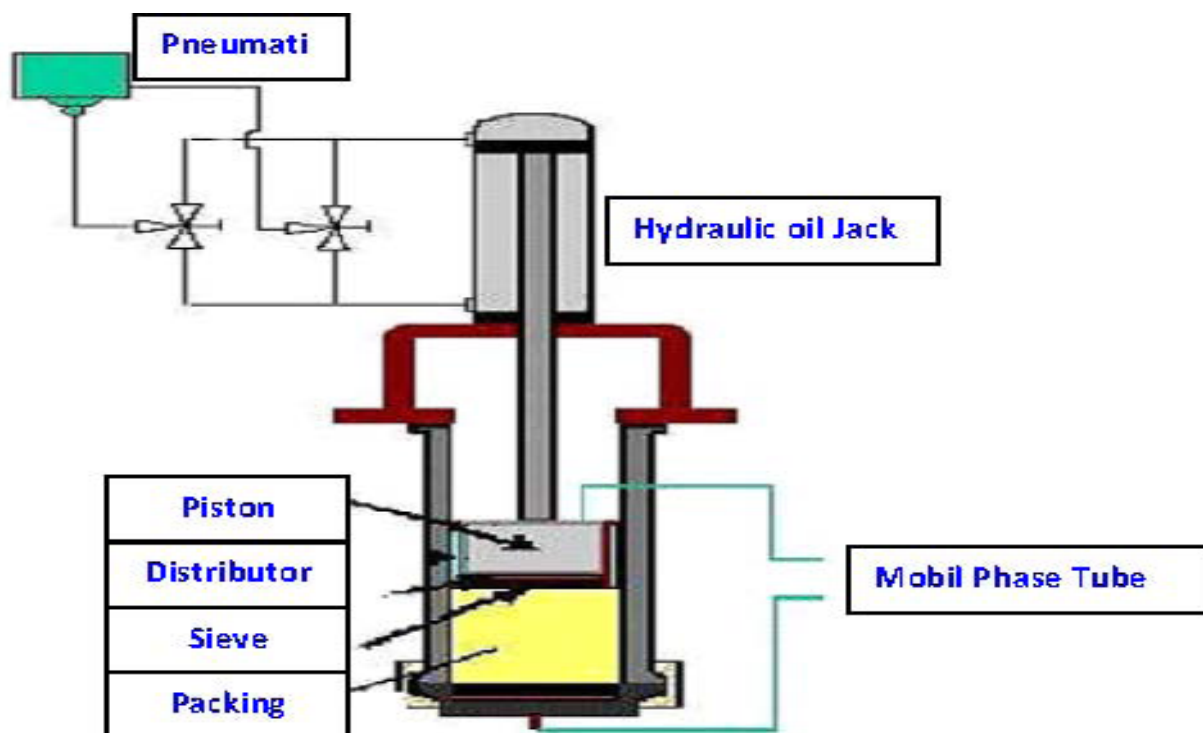
DAC stands for dynamic axial compression. It combines the preparative column and packing system together. it is very simple to operate. The column cans because online when it is packed well. Don't need to take the column down. It prevents mechanical degradation not the particles. Bed compression is maintained constant, independent of swelling or shrinking of the bed. If the solvent conditions are such that particle swelling takes place, then the piston automatically let the bed expand to maintain constant compression.

Analytical-PACK DAC columns can be consistently packed with small particulate media Column and less to high levels of performance: column efficiencies of up to 50,000 theoretical plates per meter have been reported for columns of 50 and 300 mm internal diameter (i.d.). This requires and even distribution of the liquid flow over the column cross-section. Our engineers have modeled the flow pattern at the column end design efficient flow distribution system for optimum performance.

## 2. VIP Prices

The Buyer:		The seller:	
		Analytical Technologies Limited	
		Add:E67/68, Ravi park, Opp. Sainath park, Vasna Road, Vadodara - 390015	
Tel:		Tel:+0265- 2253620	
Mob:		TeleFax:0265-2254395	
E-mail:		E-mail:info@hplctechnologies.com	
Sr.NO.	Description	Qty	Amount(INR)
1	DAC-100mm	1	22,50,400.00
2	DAC-50mm	1	13,68,800.00
3	DAC-150mm	1	35,70,000.00

### 3.DAC-100mm and DAC-50mm--Main Technical Parameters



No.	Description	Specification	
1	ID of DAC-100mm/50mm	100mm	50mm
2	Standard Column Length	650mm	650mm
3	Column Inner Wall Roughness	≤0.1um	≤0.1um
4	The effective packing height	≤450mm	≤450mm
5	Column Design Pressure	≤25Mpa	≤25Mpa
6	Hydro-cylinder design pressure	≤30Mpa	≤30Mpa
7	Normal System Pressure	≤20Mpa	≤20Mpa
8	Column End Cap Connection Type	Quick Chain;Clamp locking	Quick Chain;Clamp locking
9	Wetted Parts	SUS316L;PTFE;PEEK;TEFLON	SUS316L;PTFE;PEEK;TEFLON
10	Hydro-cylinder Material	45#Qualitative Carbon Steel	45#Qualitative Carbon Steel
11	The Rack Material	SUS304	SUS304
12	Column Dimension	600*600*2250mm	600*600*2250mm
13	The Packing Method	Down Packing	Down Packing