

3000 Series

Spring-Loaded DAC Column



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Spring-loaded columns are simple and user-friendly. Unlike other axially compressed columns, spring-loaded columns are self-contained. Once packed, they can be detached from the column packing machine for standalone use. They deliver the same performance and advantages as conventional axial compression technology while significantly cutting costs. In addition, the self-contained design enables fault-tolerant operation. This grants maximum operational flexibility in any laboratory setting, even under space constraints. Consistent column efficiency is maintained reliably, and performance remains unaffected during power outages.

Spring-loaded columns (DAC, Dynamic Axial Compression columns) are available in seven inner diameters: 30 mm, 50 mm, 80 mm, 100 mm, 150 mm, 200 mm and 300 mm, with a full range of column lengths to choose from. Pre-packed columns pre-filled with stationary phase packing materials are also offered.

Product Parameters

Model	3030N	3050N	3100N	3150N
Specifications	30*600	50*600	100*650	150*650
Pressure	25MPa	25MPa	10MPa	10MPa
W*D*H	80*80*650	95*95*650	350*350*1300	350*350*1300
Liquid-wetted materials	316L/PTFE			
Frit	316L Stainless steel (sintered, passivated)			
Frit pore size	2um			
Inlet and outlet pipelines	1/16"OD	1/16"OD	1/8"OD	1/8" , 1/4"OD

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

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 global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



LCMS



Automated Prep-Flash
Chromatography system



Maldi TOF



Optima Gas
Chromatograph



Flash
Chromatograph



DAC
Column



GCMS
3068



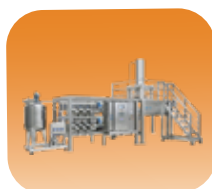
UHPLC



HPTLC



Ion Chromatograph



Production
HPLC



HPLC



Column



DLS



Water purification
system

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

ANALYTICAL FOUNDATION is a Nonprofit Organization (NGO) for the purpose of:



Analytical Foundation

1. Research & Innovation **Scientist's awards & International Conference visit sponsorship / QC Professional Awards:** Quality life is possible by innovation only and the innovation is possible by research only, hence **ANALYTICAL FOUNDATION** is committed to identify such personallities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research /testing/ publication at info@analyticalfoundation.org

2. Improving quality of life by offering **YOGA Training courses, Work shops / Seminars** etc.

3. **ANALYTICAL FOUNDATION** aims to DETOXIFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Naturecure, Health Care, Ara, Events, Camps etc.

▶▶ A portion of profit of **ANALYTICAL GROUP** Company's goes into **ANALYTICAL FOUNDATION** for the aboce noble cause.

▶▶▶ Reach us @



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Subsidiaries



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