

HPLC-P3000

HIGH PRECISION DOUBLE PISTON PUMP



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► INTRODUCTION

HPLC pump 3000 is a precision delivery system that working chiefly by means of CPLD technology, and controlled by micro-processor. It based on all-digital frequency generating system, advanced motor driver system and friendly man-machine interface. Operating and controlling become more and more easily. Advanced pump head and check valve combine the most successes experience in the world today and private user's high performance of delivery precision and reproducibility.

►► HPLC Pump 3000 working mode

HPLC pump 3000 can be configured depend on what the users want:

Iso/Binary-Pump for analysis use	Flow Rate:0.0- 10 ml/min	Maximum Working Pressure: 42MPa.
Used as HPG Mode for analysis Application.	In combination with additional HPLC 3000 pumps, system capability can be expanded up to quaternary high-pressure Gradient.	
Used as HPG Mode for semi-preparative application	In combination with additional HPLC 3000 pumps (50ml pump head), system capability can be expanded up to quaternary High-pressure gradient.	
Used as LPG Mode for analysis application	In combination with 3000 LGA low pressure gradient controller, system capability can be	

Used as LPG Mode for Semi-preparative application

Expanded up to quaternary low pressure gradient. In combination with 3000 LGP low pressure gradient controller, system capability can be expanded up to quaternary low pressure gradient.

►► FEATURES

Interchangeable Pump head	Provide 10ml and 50ml pump head according to the using environment
Washing Piston rod	when the buffer solution is used, the pump head is frequently abraded. Using washing piston rod function can elongate the piston rod using life and keep free with inorganic salt influence.
Automatic pressure calibration	The pump working pressure can be automatic calibrated only by press a key before using.
Interactive interface	Using 320x240 LCD display, it is very easy for user to edit programs and more information will be appeared in the screen. It reports performance and maintenance check
Product's information	By checking the product's information, you can find the serial Number, the CMC permission number, the installation date, the total running time and etc. It helps the user decide when the instrument should be maintenance.

►► SPECIFICATIONS

Power consumption		150W
Dimensions (Width x height x depth)		270x150x400mm
Weight		15kg
Flow Resolution	Analysis pump head	0.001ml/min
	Semi-preparative pump head	0.001ml/min
Flow Range	Analysis pump head	0.001~10ml/min
	Semi-preparative pump head	0.01~50ml/min
Flow Repeatability	Analysis pump head	0.2%
	Semi-preparative pump head	0.5%
Flow set error percentage		0.1%
Maximum working pressure	Analysis pump head	42MPa
	Semi-Preparative	30MPa

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.

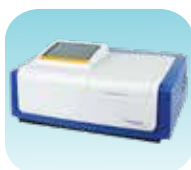
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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.

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Spectro 2080+
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Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities 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 DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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