

CPC-3000

Counter Current Chromatography/
Centrifugal Partition Chromatography



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

General features :

- 1L CPC column capacity
- Injection range : Up to 30g
- Typical Flow rate : Up to 50mL/min
- Maximum pressure : 80bar
- Maximum rotation speed : 1500rpm
- Twin-cell technology for better retention
- High pressure resistance and high rotation speed for better efficiency
- Easy-seal technology for fast and cost effective maintenance
- Asc/Dsc capability
- Biocompatible version available

From simple "CPC" column to complete LC purifications solutions :

Pump:

CPC-3000-L :
Integrated two-head pump
100 mL/min - 110 bar (1 595 psi)
2% accuracy
Repeatability better than 0.5%
Built-in manual purge valve
Cleaning discs
Low maintenance needs

CPC-3000-F :
Built-in pump

Gradient:

CPC-3000-L :
Low-pressure gradient former of integrated pump
Binary or Quaternary
Linear response from 2 to 98%

CPC-3000-F :
Built-in gradient former

Injection:

CPC-3000-B & CPC-3000-L :
Through loop injector (Manual)

CPC-3000-F :
Through loop injection valve (Manual or Automated)
Through external pump control(Automated)
Multiple injections possible by running sequence of methods

Column:

Rotating chromatography column
Volume : 1 L

Two elution modes : "Ascending" and "Descending"

CPC-3000-B & CPC-3000-L
With "Asc/Dsc" valve (Manual)

CPC-3000-F
With built-in "Asc/Dsc" valve (Automated)

Detection: CPC-3000-B & CPC-3000-L
Stand alone solution with separated UV-Vis detector

CPC3000-F
Built-in UV-Vis detector

Collection: CPC-3000-B & CPC-3000-L
Stand alone solution with separated fraction collector

CPC-3000-F
Built-in fraction collector

Control: Two serial ports RS-232 available for column and pump external control

CPC-3000-B & CPC-3000-L
Direct through integrated controller composed of a keypad and a graphic LCD display
Via intuitive and easy to use "CPC" software installed on a computer

CPC-3000-F
Built-in "CPC" software

Dimensions: Width : 705 mm
Height : 710 mm
Depth : 575 mm

Weight: 120 kg

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.

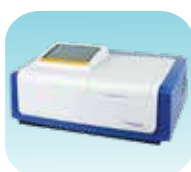
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



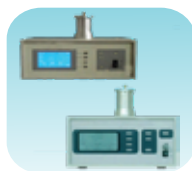
Atomic Absorption
Spectrophotometer



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 DETOXIFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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