

# SEPbox - 3500



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Product Description:

The SEPbox-3500 is designed for a large workload of up to 5,000 milligrams of extract made from plants, marine organisms, microbiological or animal material.

The automated 2D chromatography provides 576 fractions in 24 hours. The fraction collector is equipped with 12 removable racks, each containing 48 vials with a maximum capacity of 60 millilitres. The SEPbox-3500 is also equipped with software for method development, process control, data acquisition and data analysis.

The SEPbox-3500 provides many individual chemical entities in quantities which can be easily used to elucidate structures, screen different targets and build a diverse library

## ►► Advantages:

- Isolation of compounds with a speed and accuracy unachievable with conventional chromatography methods
- On average 20 to 30 per cent pure fractions (ELSD) per run
- Isolation of large quantities possible
- Reproducible separations
- Cost advantages due to automation

## ►► Specification :

Modes of operation	Medium to non-polar, Polar Setup (optional)
Sample size	Max. 5,000 mg of extract
Pumps	4 preparative HPLC pumps
Columns	1 injection column, 1 main separation column, 3 second separation columns (6 with Polar Setup), 28 trap columns
Detection	2 UV detectors, 1 ELSD detector
Fraction collector	Fraction collector with 12 racks, 48 vials each, max. capacity 60 ml/vial, max. 576 fractions
Modes of collection	Time and peak based, baseline collect (optional)
Valves	67 pneumatically actuated valves
Software	Sepbox Control Software
Dimensions	Sepbox: 170 x 94 x 193 cm (W x D x H) Fraction Collector: 140 x 76 x 168 cm (W x D x H)

## 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+  
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Infra FTIR



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Chromatograph  
3007



Optima Gas  
Chromatograph  
2979 Plus



Flash  
Chromatograph



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Counter



Optical Emission  
Spectrophotometer



DSC/TGA



Semi Auto Bio  
Chemistry Analyzer



HEMA 2062  
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Analyzer



Micro Plate  
Reader/Washer



URINOVA 2800  
Urine Analyzer



Total Organic  
Carbon 3800



Fully Automated  
CLIA



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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](mailto: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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