

# FP-3100

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## FLASH PURIFIER



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

- Compact, small footprint
- Valveless metering pump
- On-line Gradient Adjustment
- CCD Array UV-Vis (200-800nm) detector – Dual wavelength
- Automatic Fraction Collector – Modes; Manual/All/Window/Peak

MODEL	FLASH PURIFIER 3100
<b>Pump</b>	Ceramic valveless metering pump – good accuracy, long lifetime and maintenance free
<b>Flow Rate</b>	1– 100 ml/min
<b>Flow Rate Accuracy</b>	±1%
<b>Max. Pressure</b>	7 bars
<b>Programmable Gradient</b>	Linear and/or Step gradients
<b>Gradient Accuracy</b>	±3% (linear gradient)
<b>UV--VIS Detector</b>	CCD Array detector (200-800nm) . Two wavelength simultaneously
<b>Light Source</b>	D2 Lamp/Tungsten Lamp
<b>Wavelength Accuracy</b>	±1 nm
<b>Fraction Collector</b>	1 rack (10x10) with dia. 15 mm 150 mm
<b>Collection Modes</b>	Manual/All/Window/Peak
<b>Power Requirements</b>	220VAC/110VAC
<b>Operating Temperature</b>	15-40°C
<b>System Control</b>	Graphic Interface, RS-232C(USB) Windows XP/Window 7 32bit PC Workstation

- Ceramic Valveless metering pump
- Double pump design Enhanced gradient accuracy, gradient and flow rate can be modified online in real time
- High sensitivity on-line monitor, multiple monitor connectivity
- CCD Array UV-Vis (200-800nm) detector – Dual wavelength
- Automatic Fraction Collector – Modes; Manual/All/Window/Peak



MODEL	FLASH PURIFIER 3100 plus
Pump	Ceramic valveless metering pump – good accuracy, long lifetime and maintenance free
Flow Rate	1– 100 ml/min
Flow Rate Accuracy	± 1%
Max. Pressure	200psi (14 bars)
Programmable Gradient	Linear and/or Step gradients
Gradient Accuracy	1%
UV--VIS Detector	CCD Array detector (200--800nm). Two wavelength simultaneously
Light Source	D2 Lamp/Tungsten Lamp
Wavelength Accuracy	±1 nm
Fraction Collector	1 rack (10x10) with dia. 15 mm 150 mm
Collection Modes	Manual/All/Window/Peak
Power Requirements	220VAC/110VAC
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## 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.

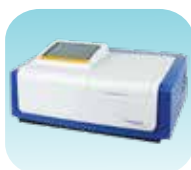
**Instruments** :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



## 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](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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