

# BP - 3300

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## 3D BIO PRINTER



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

## ▶▶ SALIENT FEATURES

### • The Advance 3D BIO PRINTER

3D BIO PRINTER gives you power to print continuously with least maintenance which directly improves the quality of production of your 3D printed part. The portable Build Chamber makes it easier for cleaning and extraction of the parts in 3300. The is the future designing concept which are made to make the machine most convenient for the user and as well as improves the print quality with low production cost

### • Dual Feed Bed Advantage

For high precision in less time output, the machine is equipped with dual feed-bed concept that keeps the accuracy & good factor of safety of the base material volume to the mark. It's easy to clean and refill which saves your time. Chambers comes with heat resistant dynamic seals which allows the feed of powder accurately and with zero wastage.

### • Active Cooling Feature

Cooling system is specially customized for temperature control within the printing area which indicates accurate inbuilt design of thermodynamic calibrations. Hence, increases the capability of the printer for high accuracy outcome. Perfect thermal equilibrium ensures accurate sintering output on the powder,consistently layer by layer.

### • High Quality Thermal Insulation

For the temperature control inside and outside, machine is insulated with superior thermal walls. Feature provides the best safety for the trio of user, powder base material and the printing part.

### • Optimum humidity control

To cope with high humidity conditions, 3300 is equipped with advanced design to achieve adequate dryness inside the printing chamber and feed bed.

### • Flexible Design Advancement

The machine design is smartly compact and with powerful wheels makes it easy mobile. Transportation or any movement of the machine will be less challenging for the user.

### • Reusability of the powder

Machine is programmed to collect the used powder and reuse the same, that decreases the overall cost of production and gives you the maximum use of the investment you made for the powder. The leftover powder from feedbed can be easily blend with the fresh powder in 3300

- **Single System Interface**

Those days are gone when user was required two computer systems to manage one single machine. Our very own software is so powerful and customized for your requirements that slicing, and printing is possible with only one system.

## ►► SPECIFICATIONS

Criteria	BP3300
Technology	Selective Laser Sintering
Precision optics	High-precision & high-speed scanner
LASER type	100 W/ CO2
Layer thickness	0.1mm
Material support	PA12
LASER spot size	< 500 µm
Build Volume (W x D x H)	300mm x 300mm x 300mm
Build Chamber	Modular, compatible with INSS300
Printer Dimension (W x D x H)	1362mm x 995mm x 2062mm
Machine Control	Win10, PC
Access	USB 2.0 & Ethernet
Weight	1300 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



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Spectro 2080+  
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Infra FTIR



Optima Gas  
Chromatograph  
3007



Optima Gas  
Chromatograph  
2979 Plus



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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.



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