

# CB-3044

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## COOLING BATH



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

## ►► **Technical Specifications:**

### **WORKING CHAMBER**

15 LTR , 5 LTR

### **CONSTRUCTION**

Inner Chamber in SS 304, 16 Swg With Mirror Finished  
Outer Chamber GI with Dully Powder Coated

Double Walled Construction with backside triple wall.

### **INSULATION**

3" Think Polyurethane Foam Insulation (PUF) Insulation ensures stable temperature & reduced energy consumption.

### **CIRCULATION PUMP INTERNAL OR EXTERNAL FOR REACTOR\***

1/20 Hp Water Circulation Flange Motor with Marine Impeller and water Circulation Assembly pump top side of the inner chamber develops unique Circulation system which maximum uniform temperature condition inside the chamber.

Water Inlet and Outlet Nozzle Provided in SS for Circulation of Solution or Water With 1 drain Line and Ball valve

### **TOP LID**

Flat Lid with Insulation Made in SS 304 grade sheet with Gasket for proper sealing with Handle

### **TEMPERATURE RANGE**

0°C TO 4°C

Temperature Accuracy  $\pm 1$  deg. C and Temperature Uniformity  $\pm 2^\circ\text{C}$ .

### **CONTROL SYSTEM**

Microprocessor based auto tuned PID controller with online printing facility & display of set value & process value & Soke Timer With standard accessories

### **\*REFRIGERATION SYSTEM\***

CFC free hermitically sealed Emerson Copeland make compressor for better cooling with R 134a (Eco friendly) refrigerant with time delay to safe guard compressor system

### **\*SAFETY FEATURES\***

Compressor ON timer delay (2 Min.) to safe guard the compressor, In built over load protector provided for hermetically sealed compressor.

### **\*SUPPLY\***

230V AC. Single Phase, 50Hz.

### **\*FEATURES\***

Fiber/PU wheel with front lockable for easy movement.

Bottom side drainage line.

MCB for electrical safety.

Adjustable tray height arrangements.

ALL CE/ISI MARK ELECTRICAL HARDWAR USEED

## 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



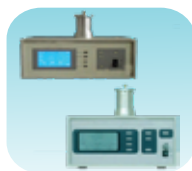
Atomic Absorption  
Spectrophotometer



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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