



**Multiplelabs**™  
Turnkey Laboratories Solutions



**Analytical**®  
Technologies Limited

## **AUTOCLAVE STEEM STERILIZER MODEL:ASS 3000 SERIES**



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

## Features

- ➔ Pressure Switch made of Barksdale, Europe, CE certified for additional safety. Factory set at 30PSI.
- ➔ Vacuum breaker cum lid locking arrangement for locking lid above 80degC.
- ➔ Multiple (3 Nos) micro-switches to sense lid closure, lid proper latching such that heating won't start if parameters not satisfied.
- ➔ Optional: Electrical actuator to ensure lid doesn't open under pressure.
- ➔ Optional: Electromagnetic door lock for locking lid under pressure. Imported from Europe, patented design, CE marked. Can keep door locked up to 300Newton pressure.

## Technical Specifications

- ➔ Double wall type design however has inner chamber for steam, outer as cover and external reservoir for water. Steam is sent to the chamber from reservoir. Helps in reduced steam condensation on media.
- ➔ Fully Automatic operation; cycle begins by press of the START button.
- ➔ Initial air purging cycle; at the beginning air is automatically removed from the chamber.
- ➔ Microprocessor based Digital Temperature Indicator Controller. Controls temperature / pressure precisely at set value
- ➔ Temperature Sensor: PT – 100.
- ➔ In built digital timer; timer can be adjusted as per sterilization load requirement, 1 to 99minutes.
- ➔ Automatic steam exhaust at the end of cycle.
- ➔ Low water level heater safeguard.
- ➔ Safety high pressure release valve.
- ➔ Safety high temperature cut off. Included if ordered separately.
- ➔ Working chamber made of stainless steel LM 304 grade of 2mm thickness.
- ➔ Outer cover made of Mild Steel for Standard model duly powder coated and stainless steel 1mm thick for GMP model, however, inner frame structure of solid chrome plated finish.
- ➔ Lid, flange & bottom sheet also made of stainless steel SS 304. All joints argon welded.
- ➔ Silicon gasket. Heavy duty industrial flange heater.
- ➔ Pressure range: 10 to 30 PSI, factory set at 15 PSI, 15 minutes ster. Cycle time.
- ➔ Temperature Range: 110°C to 134°C.
- ➔ Temperature Resolution: 0.1°C
- ➔ Temperature Accuracy:  $\pm 0.5^\circ\text{C}$ .
- ➔ Pressure gauge 0-50 PSI, safety spring loaded pressure valve, steam release valve.
- ➔ Hydraulically tested at 75PSI.
- ➔ Electrical: 230V / 15A / 50 Hz.
- ➔ Capacity: 65 liter

►► **Servicing, Validation, Trainings and Preventive Maintenance :**

- Servicing : We have team of service engineers who can attend to any make of instrument promptly @the most affordable cost.
- Trainings :We also take up preventive maintenance to reduce downtime of instrument's Trainings.
- AMC's/CMC : We offer user training both in-House and at customer sites on instrument principles, operations, troubleshooting.
- Validations : We have protocols for carrying out periodic Validations as per GLP/ GMP/USFDA norms.
- 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 globe. 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 Partical 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:



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.

# Analytical Foundation

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