

ADW - 3045

Vertical Autoclave



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Advantages over the Conventional Uroflowmeter:

- Standard models of Vertical autoclave units manufactured by ATL are available with chamber volumes of 22 liters to 180 liters that accommodate two and three drums accordingly. These systems are designed for meeting effective sterilization requirements in bacteriological and research laboratories, hospitals and clinics and food and beverage units. The vertical chamber design maximizes space utilization, while microprocessor control system enables comfortable working all the time you operate the machine.

Also called vertical steam sterilizers, our vertical type autoclaves deliver flexible solutions of steam sterilization in hospitals, clinics and other areas of application, where reliable steam sterilization is a mandatory process. Vertically designed chamber provides guaranty of safe and efficient sterilization even in confined spaces. In order to suit specific application, these units are fabricated as fully GMP stainless steel double and triple walled construction; in addition, we also manufacture vertical autoclaves with other configurations, which include stainless steel inner and exterior made of Mild Steel (MS).

The most important feature that keeps our range of vertical autoclaves top of others is meeting all relevant guidelines and standards such as NABH standards. As an option, we also provide IQ / OQ / PQ calibration documentation with extra cost. These systems are fully customizable and provided with large scope of customization; to meet individual budget, we can equipment your vertical autoclave with a number of optional accessories such as temperature chart recorder, digital temperature indicator, PID Controller and provision to attach a dot matrix printer.

►► Fetures

Tank volume 20 to 180 liters	Equipped with joint less silicon rubber gasket
Provided with immersion type heater	Double, triple wall & GMP construction
Comply with NABL standards	Radial or wing nut type door locking
Supply with drums (extra cost)	Water level indicator
Easy operation and low maintenance	Digital temperature indicator
IQ / OQ / PQ Documentation	Temperature chart recorder
Provision to attach dot matrix printer	USB interface for data transfer

►► Specifications:

Model	ADW-3045
Internal Tank Capacity	180 Liter
Load	5.00 KW
Chamber dimension	22" x 30"
Working Pressure	1.2 kgf/cm sq.g (15 psi - 17 psi) (Can be Upgraded up to 30 PSI)
Sterilizing Temperature	121°C to 134°C (150°C - Optional)
Heat Average	$\leq \pm 1^{\circ}\text{C}$
Sterilization Time	25 to 30 Minutes
Construction	Double / Triple wall & SS GMP construction
Outer Chamber	Mild Steel (304 stainless Steel – Optional)
Inner Chamber	304 SS (316 / 316L grades Stainless Steel – Optional)
Insulation	Glass Wool
Waste Container	Stainless Steel
Door / Lid	Foot lifted with safety and interlock device
Door Locking type	Wing Nut
Water Filling & Removal	Manual
Safety Features	safety valve, low water detector and pressure interlock
Optional accessories	<ul style="list-style-type: none"> - Digital alarm - Temperature chart recorder - Dot Matrix Printer - RS 232 / USB PC Connection Port - NABL certification - Stainless Steel wire mesh carrier - Dressing drum - Sterilization indicator tape - Autoclave bags - IQ / OQ / PQ Documentation
Power Supply	220 Volts / 440 Volts

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 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:



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

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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