



AASHVI BIOTECH

(OPC) Pvt. Ltd.

Designing Wellness

✓ ISO 9001:2015

✓ ISO 13485:2016

✓ CE Mark

✓ MSME Registered

PRODUCT CATALOG

& Technical Directory

Advanced Sterilization Systems | Cleanroom Infrastructure
Laboratory Instruments | Hospital Utility Solutions

Portable Autoclaves

Industrial Sterilizers

ETO Sterilizers

Lab Incubators

Biosafety Cabinets

Cleanroom Systems

ISO 9001 · ISO 13485 · CE Mark Certified



CORPORATE PROFILE

Aashvi Biotech (OPC) Pvt. Ltd.

About ABPL

Aashvi Biotech (OPC) Pvt. Ltd. is a premier engineering and manufacturing enterprise specializing in high-end sterilization systems, cleanroom containment setups, hospital utility furniture, and specialized laboratory instruments.

From advanced production facilities in Kurukshetra, Haryana, we leverage a skilled workforce and rigorous quality standards to deliver world-class biomedical solutions.

Our Philosophy

"We think of our customers prior to designing our products to make them feel comfortable and safe." — Customer delight is our ultimate quality objective.

GLOBAL CERTIFICATIONS

ISO 9001:2015

Quality Management System

ISO 13485:2016

Medical Devices QMS

ISO 10993-1:2018

Biological Evaluation of Medical Devices

CE Mark

Electrical & Safety Compliance

MSME Registered

Ministry of MSME, Govt. of India



PORTABLE & PRESSURE COOKER AUTOCLAVES

Category A & B

Aluminium Wing-Nut Series

Model	Volume	Chamber	Variant
ABPL-001/002	21 Ltr	12" x 12"	Non-Elec / Elec
ABPL-003/004	25 Ltr	12" x 14"	Non-Elec / Elec
ABPL-005/006	27 Ltr	12" x 15"	Non-Elec / Elec
ABPL-007/008	30 Ltr	12" x 16"	Non-Elec / Elec
ABPL-009/010	39 Ltr	14" x 15"	Non-Elec / Elec

Stainless Steel Wing-Nut Series

Model	Volume	Chamber
ABPL-011/012	21 Ltr	12" x 12"
ABPL-013/014	27 Ltr	12" x 15"
ABPL-015/016	39 Ltr	12" x 22"
ABPL-017	16 Ltr	10" x 13"
ABPL-018	18 Ltr	10" x 15"

Key Features

- Seamless high-grade aluminium / SS-304 construction
- Mirror finish to eliminate bacterial harbor points
- Dual safety valves + vacuum & steam release valves
- Heavy-duty rubber gaskets for airtight seal



Pressure Cooker 'P' Series (Cat B)

Seamless pressure-vessel style vertical designs. Range: 6 Ltr to 110 Ltr in both Aluminium and Stainless Steel. Available from ABPL-019 to ABPL-079. Larger models (75–110 Ltr) include digital temperature controllers, low-water cut-off relays, and automated end-of-cycle alerts.





INDUSTRIAL & HORIZONTAL STERILIZERS

Category C & E

Double-Wall Nut-Locking (SS-304)

Category C-I · ABPL-080 to ABPL-089

- › 23 Ltr (10"×18") — Wing-Nut
- › 40 Ltr (12"×22") — Wing-Nut
- › 52 Ltr (14"×22") — Wing-Nut
- › 75 Ltr (16"×24") — Wing-Nut
- › 180 Ltr (22"×30") — Wing-Nut



15–20 psi rated · SS-304 inner & outer

Horizontal Cylindrical

Category E-I · ABPL-134 to ABPL-166

- › 40 Ltr (12"×20") — Double Wall
- › 120 Ltr (16"×36") — Double Wall
- › 250 Ltr (20"×48") — Double Wall
- › 300 Ltr (22"×48") — Triple Wall



Double & Triple wall · HMI touchscreen options · USB data logger

Triple-Wall Steam Storage

Category C-II · ABPL-095 to ABPL-100

- › 40 Ltr (12"×22")
- › 60 Ltr (14"×25")
- › 100 Ltr (16"×30")
- › 180 Ltr (22"×30")



External steam jacket · Digital controller · Auto water cut-off

Rectangular Horizontal

Category E-II · ABPL-167 to ABPL-174

- › 182 Ltr — 450×450×900 mm
- › 240 Ltr — 450×600×900 mm
- › 430 Ltr — 600×600×1200 mm
- › 1200 Ltr — 900×900×1500 mm



Triple-wall construction · High-volume pharmaceutical use



SPECIALIZED & DENTAL AUTOCLAVES + ETO STERILIZERS

Category D — Single-Lever Fully Automatic (ABPL-SLVA Series)

Chamber Volume:	40 to 190 Ltr
Temperature Range:	121°C – 127°C
Operating Pressure:	15 – 20 psi
Heating Element:	3000 W – 6000 W
Interface:	Touchscreen PLC, auto low-water cutoff, pressure switch, purging solenoid



Dental Autoclave

Category F — Dental & Clinical Autoclaves

- › ABPL-130 — 9 Ltr, 9"×9", Mechanical Timer & Auto Shutoff
- › ABPL-133 — 21 Ltr, 12"×12", Mechanical Timer
- › Class N — 3-pulse pre-sterilization vacuum, 121°C & 134°C modes
- › Class B (NABH+) — Absolute vacuum drying, LCD screen, validation printer

Category G — ETO Sterilizers

Ideal for thermo-sensitive plastics, syringes, catheters, disposable kits. Fully automated PLC + HMI touchscreen. Standard cycle: ~8 hours incl. aeration.

Model	Volume	Gas Charge
ABPL-ETO-224	50 Ltr	40g cartridge
ABPL-ETO-225	125 Ltr	100g cartridge
ABPL-ETO-226	200 Ltr	170g cartridge



LABORATORY INCUBATORS & ROTARY SHAKERS

Category H

Bacteriological Incubators (Ambient – 60°C ±1°C)

Model	Dimensions (mm)	Capacity	Load	Price
ABPL-108	300×300×300	28 Ltr	0.75 kW	₹19,000
ABPL-108-C	455×455×605	125 Ltr	1.50 kW	₹30,000
ABPL-108-F	605×605×910	336 Ltr	2.25 kW	₹53,500

BOD Cooling Incubators (CFC-Free · 5°C – 60°C ±0.5°C)

Model	Dimensions (mm)	Capacity	Price
ABPL-184	455×410×610	112 Ltr	₹82,500
ABPL-186	570×550×875	280 Ltr	₹1,04,000
ABPL-188	700×640×900	420 Ltr	₹1,25,000

BOD Incubators use hermetically sealed CFC-free compressors with ±0.5°C precision — ideal for environmental testing, culture growth, seed germination, and pharmaceutical stability studies.

Heavy-Duty Rotary Flask Shakers

*50 – 250 rpm DC variable motor
Continuous culture growth shaking*

Model	Platform	500ml Flasks
ABPL-175	12"×12"	9 Flasks
ABPL-177	22"×22"	25 Flasks
ABPL-180	40"×40"	64 Flasks
ABPL-182	60"×60"	100 Flasks

All incubators feature PID microprocessor thermal controls, high-density mineral wool insulation, and horizontal convection blowers for uniform temperature distribution.



CLEANROOM & SAFETY CONTAINMENT SYSTEMS

Category I

Biosafety Cabinets — Class II Type A2

HEPA filtration 99.99% at 0.3µm · 70/30% recirculation/exhaust · UV decontamination

Work Area (W×D×H mm)	MS Price	SS-304 Price
600×600×600 mm	₹10,400	₹14,500
900×600×600 mm	₹1,25,800	₹16,000
1200×600×600 mm	₹1,48,500	₹2,10,000
1800×600×600 mm	₹1,89,900	₹26,500

Exhaustive Chemical Fume Hoods

Dimensions (W×D×H)	MS Price	SS-304 Price
600×600×600 mm	₹85,000	₹1,25,000
1200×600×600 mm	₹1,30,000	₹2,10,000
1800×600×600 mm	₹1,85,000	₹3,20,000
2100×600×600 mm	₹2,50,000	₹4,50,000

Laminar Air Flow Cabinets — Class 100

Vertical & Horizontal flow configurations · Pre-filter + HEPA system

Work Area	Vertical (INR)	Horizontal (INR)
600×600×600	₹82,000	₹75,000
900×600×600	₹99,000	₹88,000
1200×600×600	₹1,15,000	₹99,000
1800×600×600	₹1,55,000	₹1,40,000

Cleanroom Air-Locked Pass Boxes

Chamber (mm)	Static	Dynamic
455×455×455	₹41,900	₹68,700
600×600×600	₹52,300	₹98,000
600×600×900	₹73,900	₹1,59,000

Static: minimal cleanroom transfers · Dynamic: active HEPA-filtered vertical airflow



GET IN TOUCH



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Why Choose ABPL?

World-Class Certifications

ISO 9001, ISO 13485, ISO 10993, CE Mark & MSME Registered

Comprehensive Product Range

From 6 Ltr portable autoclaves to 1200 Ltr industrial sterilizers

Advanced Safety Engineering

Dual / triple safety valves, auto cutoffs, digital controllers

Customer-First Design

Every product designed with user comfort and safety as the priority

Bespoke Solutions Available

Custom specifications available on request — consult our engineers

Designing Wellness · Advanced Sterilization, Laboratory & Cleanroom Infrastructure