



NSIC
CERTIFIED CO.

MSME
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

ISO : 9001: 2015
ISO : 13485: 2016

Ambinova TECHNOLOGIES



+91 8595173503
+91 9625922608
+91 9625922630



sales@ambinova.in



180, Pocket C Sector-4,
DSIIDC Bawana Industrial
area, Delhi-110039.

ABOUT COMPANY

#startupindia



Ambinova Technologies Pvt Ltd is a Start-up company, certified by DPIIT & incorporated in June 2021. We are engaged in the research & development, promotion, production of broad range of instruments for life science and healthcare laboratories. Our products are designed and manufactured to handle tough applications under rigorous laboratory conditions.

We adhere to the advancement in the field of life science, food and pharma constantly introduce innovative products which have wide applicability in the area of life science and healthcare etc to satisfy the changing needs of our customers.

Our Motto is to identify and provide commonly used products at an affordable price without compromising quality to Life Sciences and Healthcare Industries.

Our Offerings are DRY Bath Incubator, Biosafety Cabinet, Laminar Air Flow, PCR Hood, Incubators, Autoclave, Tissue Culture Lab Equipment, and many more. We request you kindly go through our products catalog for insight about our products.

DRY BATH(DOUBLE BLOCK)



- FEATURES
 - Block Heating (Ambient + 5 to 120°C)
 - Ramp Rate @ 4°C/min
 - Reversible Block
- RT+5 to 120 °C Temp Range
- ±1°C@37°C Temp Acuracy
- Timer up to 999 mins
- Block Material Aluminum
- Number of Block
AMBI-DB2H-01-Hybrid 2 Nos Block
- ±1°C@37°C Temperature Unifromity
- Programmable Mode 5 Preset Value,
5 Pre - log Values
- Power (Watt) 200 W
- Voltage & frequency 220 V 50 HZ
- Optional (Water bath,Bead Bath)

CERTIFICTION



ORDERING INFORMATION

CAT.NO.	ITEM	DESCRIPTION
AMBI-DB2H-01	Dry Bath	Dry Bath machine (Double Block)

MINI DRY BATH



- FEATURES
 - Block Heating (Ambient + 5 to 100°C)
 - Ramp Rate @ 8°C/min
- ±1°C@37°C Temp Acuracy
- ±1°C@37°C Temp uniformity
- Timer up to 999 mins
- Number of Block AMBI-DB1H-01- Single Block
- Programmable Mode 5 Preset value, 5 pre-log values
- Aluminium block 25x1.5 & 2ml

ORDERING INFORMATION

CAT.NO.	ITEM	DESCRIPTION
AMBI-DB1H-01	Block	Dry Bath machine (Single Block)

WATER BATH



- LCD display with Push button of all process data
- Bath vessel with drain valve
- Lid and perforated tray as standard
- Working temperature range-Ambient +5...99°C.
- Temperature stability $\pm 0.5^{\circ}\text{C}$
- Temperature uniformity $\pm 1^{\circ}\text{C}$

ORDERING INFORMATION

CAT.NO.	INNER DIMENSION (WxDxH)	OUTER DIMENSION (WxDxH)	CAPACITY
AMBI-WB-500	300 x 150 x 150(mm)	350 x 250 x 350(mm)	5 Lit
AMBI-WB-1000	300 x 300 x 150(mm)	350 x 400 x 350(mm)	10 Lit
AMBI-WB-1500	300 x 300 x 180(mm)	350 x 400 x 380(mm)	15 Lit
AMBI-WB-2000	450 x 300 x 180(mm)	500 x 400 x 380(mm)	20 Lit

LABORATORY ROCKER



- items on top of the surface of the lab rocker remain in place while rocking
- gives the user control over monitoring of mixing period
- adjust speed according to desired mixing and to mimic speed for tide motion

- Overall dimension (WxDxH) $\left[\begin{array}{l} 310 \text{ mm} \times 255 \text{ mm} \times 116.6 \text{ mm (platform at } 0^{\circ}) \\ 310 \text{ mm} \times 255 \text{ mm} \times 163 \text{ mm (platform at } 20^{\circ}) \end{array} \right]$
- Motor type DC motor
- Shaking motion Rocking
- Speed range 18-60 RPM
- Platform size (WxD) 310 mm x 255 mm
- Operation type Continuous

AUTOCLAVE



- Operating Temperature range Sterilizing 105-121 °C (Optional 105 to 135 °C)
- Maximum Operating Pressure 15 PSI Gauge (Optional 30 PSI Gauge)
- Display Range 0 to 999 Mins
- Chamber Material SS304

SPECIFICATIONS

Model		AMBI-VAV-500E	AMBI-VAV-750E	AMBI-VAV-900E	AMBI-VAV-1500E
	Heating	45-104 °C			
	Warming	45-95 °C			
Temperature	Display	Digital			
Pressure	Display	Analogue			
	Display range	30 PSI Gauge (Optional 60 PSI Gauge)			
Heat Source		2.25Kw	3 KW	3.5 KW	4 KW
Safety Devices		*Water Level Sensor *LID Interlock *Over temperature protection *Over Pressure Protection *Pressure Safety Valve			
Time	Display	Digital			
Chamber Dimension	Dia (mm) x Depth (mm)	350 x 560	400 x 600	450 x 570	500 x 750
Basket	Dia (mm) x Hight (mm)	330 x 470	380 x 515	425 x 520	475 x 706
Chamber Capacity	Ltrs	50	75	90	150
Dimension	(W x D x H)mm	530 x 550 x 840	590 x 595 x 885	630 x 670 x 855	680 x 720 x 1010
Weight	Kgs	60	100	120	140
Rated Voltage	Vac	220	220	220	220
Environmental Conditions		Ambient temperature 15 to 45 deg Cel			
		Ambient Pressure :- Atmospheric			
		Relative Humidity:- 30 to 70 %			
Accessories		Stainless Steel Basket (Wire Mesh / Solid)			

ORBITAL SHAKER



- Speed 50 to 500 rpm time setting range upto 9999 minutes
- 10 orbital movement for aeration of cultures and staining gels
- Microprocessor controlled rpm with programmable features
- Digital control of shaking speed and time
- Safe for cold room or incubator use
- Maximum weight: 7.5 kg
- Clockwise and anti-Clockwise motion
- Platform Size 320x320

SPECIFICATIONS

Model	AMBI-OS10-01
Shaking Movement	Orbital
Orbital Diameter	10 mm
Max Weight	7.5 kg
Speed	50 to 500 RPM
Motor Type	BLDC Motor
Time Setting Range	Upto 9999 mins

VORTEX MIXER



- Touch mode operation
- High speed Mixing
- RPM Up to 3500
- Orbit 4.5 mm
- Dual Mode Operation

MODEL NO.	DESCRIPTION
AMBI-VM-01	Ambinova Vortex Mixer

PCR CABINET WORKSTATION



- Controller: Microprocessor based switches for LED and UV light with timer & UV life facility
- Work Table: Made up of stainless steel 304 grade
- Side Window Material: polycarbonate sheet
- Front Door: polycarbonate sheet

ORDERING INFORMATION

CAT.NO.	DESCRIPTION	DIMENSION (MM)
AMI-WSP-200	PCR Cabinet Workstation	610 x 590 x 536
AMI-WSP-300	PCR Cabinet Workstation	900 x 600 x 600
AMI-WSP-400	PCR Cabinet Workstation	1200 x 600 x 600
AMI-WSP-200H	PCR Cabinet Workstation with HEPA Filter	600 x 600 x 600
AMI-WSP-300H	PCR Cabinet Workstation with HEPA Filter	900 x 600 x 600
AMI-WSP-400H	PCR Cabinet Workstation with HEPA Filter	1200 x 600 x 600

LAMINAR AIR FLOW



- Laminar type- Horizontal/vertical
- Air flow through HEPA Filter
- Using H14 Filter with Efficiency 99.99%
- F7 rating Prefilter with 90@5 micron Efficiency
- Operation- Manual / Digital Display / Touch Display
- Air flow Velocity 0.35 to 0.51 m/s

ORDERING INFORMATION (BASIC SERIES)

Model No	Airflow Direction	MOC(External)	controller	Interior Dimensions W x H x D(ft)
AMBI-LAF-3000HE	Horizontal	MS sheet	Manual Switch	3' x 2' x 2'
AMBI-LAF-4000HE	Horizontal	MS sheet	Manual Switch	4' x 2' x 2'
AMBI-LAF-6000HE	Horizontal	MS sheet	Manual Switch	6' x 2' x 2'
AMBI-LAF-3000HESS	Horizontal	SS sheet	Manual Switch	3' x 2' x 2'
AMBI-LAF-4000HESS	Horizontal	SS sheet	Manual Switch	4' x 2' x 2'
AMBI-LAF-6000HESS	Horizontal	SS sheet	Manual Switch	6' x 2' x 2'
AMBI-LAF-3000VE	Vertical	MS sheet	Manual Switch	3' x 2' x 2'
AMBI-LAF-4000VE	Vertical	MS sheet	Manual Switch	4' x 2' x 2'
AMBI-LAF-6000VE	Vertical	MS sheet	Manual Switch	6' x 2' x 2'
AMBI-LAF-3000VESS	Vertical	SS sheet	Manual Switch	3' x 2' x 2'
AMBI-LAF-4000VESS	Vertical	SS sheet	Manual Switch	4' x 2' x 2'
AMBI-LAF-6000VESS	Vertical	SS sheet	Manual Switch	6' x 2' x 2'

ORDERING INFORMATION(ECO SERIES)

Model No	Airflow Direction	MOC(External)	controller	Interior Dimensions W x H x D(ft)
AMBI-LAF-3000HI	Horizontal	MS sheet	Microprocessor Digital Display	3' x 2' x 2'
AMBI-LAF-4000HI	Horizontal	MS sheet	Microprocessor Digital Display	4' x 2' x 2'
AMBI-LAF-6000HI	Horizontal	MS sheet	Microprocessor Digital Display	6' x 2' x 2'
AMBI-LAF-3000HISS	Horizontal	SS sheet	Microprocessor Digital Display	3' x 2' x 2'
AMBI-LAF-4000HISS	Horizontal	SS sheet	Microprocessor Digital Display	4' x 2' x 2'
AMBI-LAF-6000HISS	Horizontal	SS sheet	Microprocessor Digital Display	6' x 2' x 2'
AMBI-LAF-3000VI	Vertical	MS sheet	Microprocessor Digital Display	3' x 2' x 2'
AMBI-LAF-4000VI	Vertical	MS sheet	Microprocessor Digital Display	4' x 2' x 2'
AMBI-LAF-6000VI	Vertical	MS sheet	Microprocessor Digital Display	6' x 2' x 2'
AMBI-LAF-3000VISS	Vertical	SS sheet	Microprocessor Digital Display	3' x 2' x 2'
AMBI-LAF-4000VISS	Vertical	SS sheet	Microprocessor Digital Display	4' x 2' x 2'
AMBI-LAF-6000VISS	Vertical	SS sheet	Microprocessor Digital Display	6' x 2' x 2'



ORDERING INFORMATION(PREMIUM SERIES)

Model No	Airflow Direction	MOC(External)	controller	Interior Dimensions W x H x D(ft)
AMBI-LAF-3000HP	Horizontal	MS sheet	Touch Screen Display	3' x 2' x 2'
AMBI-LAF-4000HP	Horizontal	MS sheet	Touch Screen Display	4' x 2' x 2'
AMBI-LAF-6000HP	Horizontal	MS sheet	Touch Screen Display	6' x 2' x 2'
AMBI-LAF-3000HPSS	Horizontal	SS sheet	Touch Screen Display	3' x 2' x 2'
AMBI-LAF-4000HPSS	Horizontal	SS sheet	Touch Screen Display	4' x 2' x 2'
AMBI-LAF-6000HPSS	Horizontal	SS sheet	Touch Screen Display	6' x 2' x 2'
AMBI-LAF-3000VP	Vertical	MS sheet	Touch Screen Display	3' x 2' x 2'
AMBI-LAF-4000VP	Vertical	MS sheet	Touch Screen Display	4' x 2' x 2'
AMBI-LAF-6000VP	Vertical	MS sheet	Touch Screen Display	6' x 2' x 2'
AMBI-LAF-3000VPSS	Vertical	SS sheet	Touch Screen Display	3' x 2' x 2'
AMBI-LAF-4000VPSS	Vertical	SS sheet	Touch Screen Display	4' x 2' x 2'
AMBI-LAF-6000VPSS	Vertical	SS sheet	Touch Screen Display	6' x 2' x 2'



BIOSAFETY CABINET

- BIOSAFETY CABINET Class A2
- Air flow through HEPA Filter
- Using H14 Filter with Efficiency 99.97%
- UV light 254nm
- Fluorescent white light 1300 lux
- Digital led touch screen display with microprocessor controled, UV life meter and Velocity Sensor
- Air Velocity- Downflow velocity 0.25 to 0.40
- Working Area made of SS304 Sheet
- Optional Accessories- Ducting pipe
Virus Burnout System
High Adjustable Stand

CERTIFICATIONS

01 BSEN 12469 : 2000

02 CE

ORDERING INFORMATION

Model No	BIOSAFETY CLASS	Interior Dimensions W x H x D(ft)	Air circulation		MOC(External)
			Recirculation Volume	Exhaust Volume	
AMBI-BSC-A2-3000	A2	3' x 2' x 2'	70%	30%	Mild steel
AMBI-BSC-A2-4000	A2	4' x 2' x 2'	70%	30%	Mild steel
AMBI-BSC-A2-6000	A2	6' x 2' x 2'	70%	30%	Mild steel
AMBI-BSC-A2-3000SS	A2	3' x 2' x 2'	70%	30%	stainless steel
AMBI-BSC-A2-4000SS	A2	4' x 2' x 2'	70%	30%	stainless steel
AMBI-BSC-A2-6000SS	A2	6' x 2' x 2'	70%	30%	stainless steel
AMBI-BSC-B2-3000	B2	3' x 2' x 2'	0%	100%	Mild steel
AMBI-BSC-B2-4000	B2	4' x 2' x 2'	0%	100%	Mild steel
AMBI-BSC-B2-6000	B2	6' x 2' x 2'	0%	100%	Mild steel
AMBI-BSC-B2-3000SS	B2	3' x 2' x 2'	0%	100%	stainless steel
AMBI-BSC-B2-4000SS	B2	4' x 2' x 2'	0%	100%	stainless steel
AMBI-BSC-B2-6000SS	B2	6' x 2' x 2'	0%	100%	stainless steel

LABORATORY INCUBATOR SHAKER



- TEMPERATURE RANGE +5 TO 60°C
- RPM 50 TO 300
- ROTATION 10/20 MM ORBIT
- 2 POINT DOOR SEAL
- ACCURACY 0.5 @ 37°C
- UNIFORMITY ±1 @ 37°C

SPECIFICATIONS

Model		AMBI-BOD-IS-90	AMBI-BOD-IS-150	AMBI-BOD-IS-250
Capacity	Liters	90	150	250
Time Range		9 days 59 min.	9 days 59 min.	9 days 59 min.
Glass View Door		Yes	Yes	Yes
Digital Door		Yes	Yes	Yes
Microcontroller Based		Yes	Yes	Yes
No. of Shelves	2 Std/optional	2	3	3
Platform Size	(W x D) mm	400 x 400	400x 450	500 x 550
Inner Dimension	(W x D x H) mm	450 x 630 x 450	450 x 500 x 630	550 x 600 x 790
Overall Dimension	(W x D x H) mm	630 x 810 x 1175	630 x 860 x 1375	730 x 960 x 1390
MOC Internals		SS304	SS304	SS304
MOC Body		MS/SS	MS/SS	MS/SS
Castr Wheel		Yes	Yes	Yes
Hight Adjuster (Customized)		Yes	Yes	Yes
MOC SS 304 (Customized)		Yes	Yes	Yes

BOD INCUBATOR



- MICROPROCESSOR BASED TEMPERATURE CONTROL
- HEIGHT ADJUSTABLE SHELVES
- 2 POINT DOOR SEAL
- TEMPERATURE RANGE +5 TO 60°C
- ACCURACY ±0.5 @ 37° C
- UNIFORMITY ±1 @ 37° C

SPECIFICATIONS

Model		AMBI-BOD-90	AMBI-BOD-150	AMBI-BOD-250	AMBI-BOD-400
Capacity	Liters	90	150	250	400
Time Range		9 days 59 min.	9 days 59 min.	9 days 59 min.	9 days 59 min.
Glass View Door		Yes	Yes	Yes	Yes
Digital Display		Yes	Yes	Yes	Yes
Microcontroller Based		Yes	Yes	Yes	Yes
No. of Shelves	2 Std/optional	2	3	3	4
Inner Dimension	(W x D x H) mm	450 x 450 x 450	450 x 500 x 690	550 x 600 x 790	750 x 600 x 900
Overall Dimension	(W x D x H) mm	630 x 810 x 1061	630 x 860 x 1290	730 x 960x 1390	930 x 960 x 1540
MOC Internals		SS304	SS304	SS304	SS304
MOC Body		MS/SS	MS/SS	MS/SS	MS/SS
Castor Wheel		Yes	Yes	Yes	Yes
Hight Adjuster (Customized)		Yes	Yes	Yes	Yes
MOC SS 304 (Customized)		Yes	Yes	Yes	Yes

BACTERIOLOGICAL INCUBATOR



- MICROPROCESSOR BASED TEMPERATURE CONTROL
- HEIGHT ADJUSTABLE SHELVES
- 2 POINT DOOR SEAL
- TEMPERATURE RANGE AMB +5 TO 65°C
- ACCURACY ± 0.5 @ 37°C
- UNIFORMITY ± 1 @ 37°C

SPECIFICATIONS

Model		AMBI-GI-90	AMBI-GI-150	AMBI-GI-250	AMBI-GI-400
Capacity	Liters	90	150	250	400
Time Range		9 days 59 min.	9 days 59 min.	9 days 59 min.	9 days 59 min.
Glass View Door		Yes	Yes	Yes	Yes
Digital Door		Yes	Yes	Yes	Yes
Microcontroller Based		Yes	Yes	Yes	Yes
No. of Shelves	2 Std/optional	2	3	3	4
Inner Dimension	(W x D x H) mm	455 x 455 x 455	600 x 450 x 600	550 x 600 x 750	750 x 600 x 900
Overall Dimension	(W x D x H) mm	620 x 745 x 780	765 x 735 x 920	715 x 1000 x 1073	915 x 885 x 1225
MOC Internals		SS304	SS304	SS304	SS304
MOC Body		MS/SS	MS/SS	MS/SS	MS/SS
Castor Wheel		Yes	Yes	Yes	Yes
Hight Adjuster (Customized)		Yes	Yes	Yes	Yes
MOC SS 304 (Customized)		Yes	Yes	Yes	Yes

HOT AIR OVEN(ECO SERIES)



- TEMPERATURE RANGE UPTO 200°C
- ACCURACY ± 0.5 @ 60°C
- UNIFORMITY ± 1 @ 60°C

SPECIFICATIONS

Model		AMBI-HAO-90E	AMBI-HAO-150E	AMBI-HAO-250E	AMBI-HAO-400E
Capacity	Liters	90	150	250	400
Time Range		9 days 59 min.	9 days 59 min.	9 days 59 min.	9 days 59 min.
Glass View Door		Yes	Yes	Yes	Yes
Digital Door		Yes	Yes	Yes	Yes
Microcontroller Based		Yes	Yes	Yes	Yes
No. of Shelves	2 Std/optional	2	3	3	4
Inner Dimension	(W x D x H) mm	455 x 455 x 455	600 x 450 x 600	550 x 600 x 750	750 x 600 x 900
Overall Dimension	(W x D x H) mm	620 x 745 x 780	765 x 735 x 920	715 x 1000 x 1073	915 x 885 x 1225
MOC Internals		SS304	SS304	SS304	SS304
MOC Body		MS/SS	MS/SS	MS/SS	MS/SS
Castor Wheel		Yes	Yes	Yes	Yes
Hight Adjuster (Customized)		Yes	Yes	Yes	Yes
MOC SS 304 (Customized)		Yes	Yes	Yes	Yes

HOT AIR OVEN(PREMIUM SERIES)



- TEMPERATURE RANGE UPTO 250°C
- ACCURACY ±0.5 @ 60°C
- UNIFORMITY ±1 @ 60°C

SPECIFICATIONS

Model		AMBI-HAO-90P	AMBI-HAO-150P	AMBI-HAO-250P	AMBI-HAO-400P
Capacity	Liters	90	150	250	400
Time Range		9 days 59 min.	9 days 59 min.	9 days 59 min.	9 days 59 min.
Glass View Door		Yes	Yes	Yes	Yes
Digital Door		Yes	Yes	Yes	Yes
Microcontroller Based		Yes	Yes	Yes	Yes
No. of Shelves	2 Std/optional	2	3	3	4
Inner Dimension	(W x D x H) mm	455 x 455 x 455	600 x 450 x 600	550 x 600 x 750	750 x 600 x 900
Overall Dimension	(W x D x H) mm	620 x 745 x 780	765 x 735 x 920	715 x 1000 x 1073	915 x 885 x 1225
MOC Internals		SS304	SS304	SS304	SS304
MOC Body		MS/SS	MS/SS	MS/SS	MS/SS
Castor Wheel		Yes	Yes	Yes	Yes
Hight Adjuster (Customized)		Yes	Yes	Yes	Yes
MOC SS 304 (Customized)		Yes	Yes	Yes	Yes

LABORATORY FURNITURE

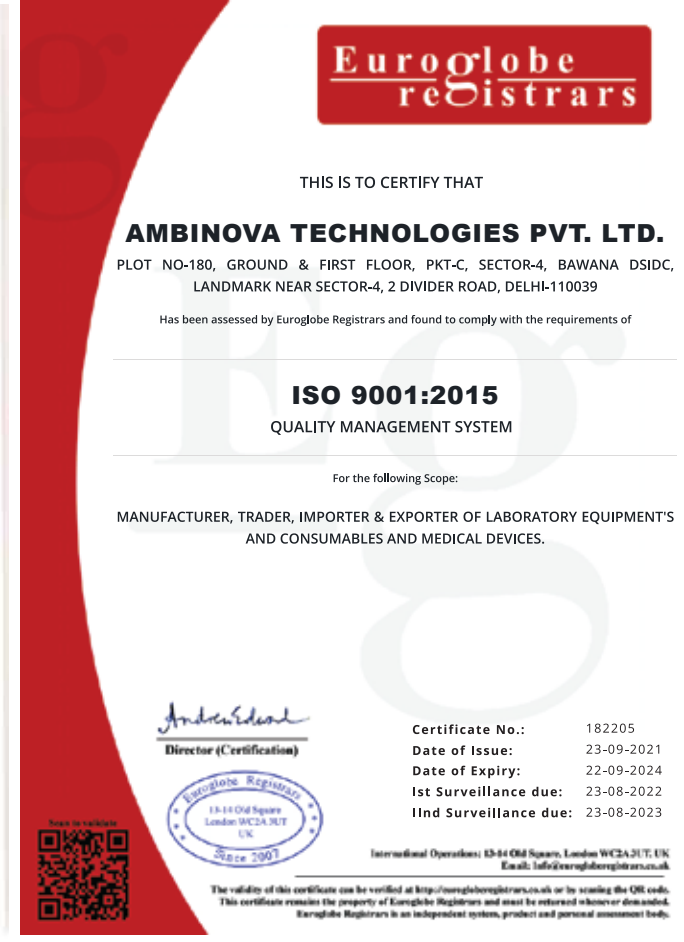


Total Co-ordination across
our Fixed, Cantilever & Legframe
Systems

Intial consultation service
CAD drawing service
Full cost analysis

- Bespoke and off- the shelf systems
- Experties in both conventional and specialist materials
- High quality craftsmanship
- Working to enviromental and health & safety standards
- Wall & Island benching
- Reagent shelving
- All types of storage units

- Balance benches
- Bench electrical services
- Bench water and gas services
- Fume cupboards & related services
- DDA compliant furniture
- Solid grade laminates
- Cast epoxy resin
- Solid surfaces (Corian, Velstone)
- Ceramic
- 316 stainless steel
- Vulcathene waste systems
- Medium density fibre board.
- Epoxy powder coated metalwork



Ambinova

TECHNOLOGIES



R3



+91 8595173503
+91 9625922608
+91 9625922630



sales@ambinova.in



180, Pocket C Sector-4,
DSIIDC Bawana Industrial
area, Delhi-110039.