



# AUTOCLAVE



## HORIZONTAL AUTOCLAVE LHA-100 SERIES



Labocon Horizontal Autoclave LHA-100 Series is built with an advanced micro-computer controlled PID temperature controller. It is designed to provide a safe, reliable and accurate steam sterilization performance for a wide range of applications in modern laboratories.

### Features:

- High quality stainless steel chamber
- With drying function
- Airproof ring made of silicon rubber
- Temperature precision:  $\pm 0.5^{\circ}\text{C}$
- LED digital temperature display
- PID temperature controller
- Water tank and sterilization room have double pressure along with temperature display and control
- Indication of the equipment status through LED light and alert device
- Automatic water feeding
- Automatic termination and continuation of heating at low water level
- Over temperature alarm terminates heating process
- Safety valve for over pressure protection
- Working pressure and disinfecting status controls the linkage device of door lock



### Application:

Labocon Horizontal Autoclave is widely used for sterilization applications in biotechnology industries, pharmaceutical industries, hospitals, research laboratories, etc.

### Specification:

Model	LHA-101	LHA-102
Capacity	150 L	300 L
Sterilization Temp.	5-126°C	
Working Pressure	$\geq 0.35 \text{ MPa}$	
Timer Range	1 min-99.59h	
Chamber Dimension	500x1000 mm	600x1000 mm
Overall Dimension	1000x600x1200 mm	1200x760x1700 mm
Temp. Difference	$\pm 1^{\circ}\text{C}$	
Power Supply	220V, 50Hz	380V, 50Hz
Power	7500W	12000W
Catalog No.	9522124250	9522125250

## HORIZONTAL AUTOCLAVE LHA-200 SERIES



Labocon Horizontal Autoclave LHA-200 Series is designed to provide a safe, reliable and accurate steam sterilization performance for a wide range of sterilization applications in modern laboratories. It is suitable for applications that require routine destruction of all living micro-organisms.

### Features:

- High quality stainless steel chamber
- With drying function
- Controlled automatic sterilization
- Door remains locked if pressure exceeds 0.027 MPa
- Automatic opening of safety valve when pressure exceeds 0.165 MPa
- Automatic power cut-off and water cut-off in case of lack of water
- Over temperature, over pressure, auto-protection device



### Application:

Labocon Horizontal Autoclave is widely used for sterilization applications in biotechnology industries, pharmaceutical industries, hospitals, research laboratories, etc.

### Specification:

Model	LHA-201	LHA-202	LHA-203	LHA-204
Capacity	150 L	200 L	280 L	400 L
Sterilization Temp.	134°C			
Working Pressure	0.22 MPa			
Sterilization Time	0-60 min			
Average Heat	$\leq \pm 1^{\circ}\text{C}$			
Chamber Dimension (mm)	440x1000	515x1000	600x1000	700x1100
Overall Dimension (mm)	1400x600x1300	1400x670x1650	1400x770x1780	1430x880x1830
Power	9000W		12000W	18000W
Power Supply	380V, 50Hz			
Weight (Net/Gross)	240/320 kg	260/350 kg	365/465 kg	520/530 kg
Catalog No.	9522126486	9522127486	9522128486	9522129486

## HORIZONTAL AUTOCLAVE LHA-300 SERIES



Labocon Horizontal Autoclave LHA-300 Series is designed to provide a safe, reliable and accurate steam sterilization performance for a wide range of applications in modern laboratories. It is suitable for applications that require routine destruction of all living micro-organisms.

### Features:

- High quality stainless steel chamber
- With drying function
- Controlled automatic sterilization
- Door remains locked if pressure exceeds 0.027 MPa
- Automatic opening of safety valve when pressure exceeds 0.165 MPa
- Automatic power cut-off and water cut-off in case of lack of water
- Over temperature, over pressure, auto-protection device



### Application:

Labocon Horizontal Autoclave is an ideal sterilizing tool for laboratories, hospitals, pharmaceutical industries, research and development and scientific institutes.

### Specification:

Model	LHA-301	LHA-302	LHA-303	LHA-304
Capacity	150 L	200 L	280 L	500 L
Sterilization Temp.	134°C			
Working Pressure	0.22 MPa			
Sterilization Time	0-99 min			0-60 min
Average Heat	$\leq \pm 2^{\circ}\text{C}$			$\leq \pm 1^{\circ}\text{C}$
Chamber Dimension (mm)	480x850	515x1000	600x1000	700x1300
Overall Dimension (mm)	1400x600x1300	1400x670x1650	1400x770x1780	1800x900x1820
Power	9000W		12000W	18000W
Power Supply	380V, 50Hz			
Weight (Net/Gross)	240/320 kg	260/350 kg	365/465 kg	470/580 kg
Catalog No.	9522130486	9522131486	9522132486	9522133486



## Vertical Autoclave LVA-100 Series



Labocon Vertical Autoclave LVA-100 Series is designed to provide high quality repeatable performance and accountability for a wide range of applications used in modern laboratories. It is ideal for sterilization of medical equipment, dressings, glasswares, culture medium, etc.

### Features:

- Exterior, interior and baskets made of Stainless Steel SUS 304, resistant to acid, alkali and corrosion
- Model LVA-102, LVA-103, LVA-104: Hand wheel type lid for quick opening and safety interlock device
- Self-expanding seal ring
- Microcomputer intelligent control
- Utilization of pressure saturated steam for quick and reliable sterilization of goods
- Buzzer alarm for low water level and completion of sterilization process
- Over temperature protection device
- Automatic exhaust system for cold air and pressure



### Application:

Labocon Vertical Autoclave is applicable in bacteriological and research laboratories, medical and health work, scientific and agricultural institutes.

### Specification:

Model	LVA-101	LVA-102	LVA-103	LVA-104
Capacity	30 L	60 L	75 L	100 L
Sterilization Temp.	126°C-128°C	135°C-138°C		
Working Pressure	0.145-0.165 MPa	0.22-0.25 MPa		
Sterilization Time	0-120 min			
Chamber Dimension (mm)	300x400 mm	400x520 mm	400x600 mm	400x760 mm
Overall Dimension (mm)	404x404x810 mm	500x500x1080 mm	500x500x1100 mm	500x500x1260 mm
Power	2000 W	3100 W	3500 W	
Power Supply	220V, 50Hz			
Weight (Net/Gross)	34/43 kg	64/76 kg	68/81 kg	71/86 kg
Catalog No.	9522131127	9522132127	9522133127	9522144127

## Vertical Autoclave LVA-200 Series



Labocon Vertical Autoclave LVA-200 Series is designed for safe, stable and accurate sterilization process in research and industries. It offers excellent temperature stability and is equipped with microprocessor based digital PID controller.

### Features:

- Fully automatic sterilizer
- One touch door system
- Lock system provided
- Excellent temperature stability and accuracy at  $121^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$
- Pressure Gauge: Mechanical type 0 to 3 Kg/cm<sup>2</sup>
- Thermocouple: R.T.D Type
- Heater element: Stainless Steel Sheath Pipe Type
- Automatic reset function
- Over-temperature and over-pressure protection
- Alarm function for automatic exhaustion of steam in sterilizer
- Optional: Basket



### Application:

Labocon Vertical Autoclave is suitable in bacteriological and research laboratories, medical, clinical and pharmaceutical units, hospitals, pathological laboratories, R & D laboratories, etc.

### Specification:

Model	LVA-201	LVA-202	LVA-203	LVA-204
Capacity	60 L	80 L	100 L	128 L
Sterilization Temp.	121℃			
Working Pressure	0.117-0.127 MPa			
Sterilization Time	0-99 h 59 min			
Chamber Dimension (mm)	350x630 mm	400x650 mm	450x650 mm	500x650 mm
Overall Dimension (mm)	550x680x1060 mm	600x730x1060 mm	650x780x1080 mm	700x830x1350 mm
Power	3000W	5000W		
Power Supply	220 V			
Catalog No.	9522135472	9522136472	9522137472	9522138472

## Vertical Autoclave LVA-300 Series



Labocon Vertical Autoclave LVA-300 Series is ergonomically designed to meet the sterilization procedures in a laboratory based environment. It offers excellent temperature stability and is equipped with microprocessor based digital PID controller.



### Features:

- Stainless steel chamber material
- Unique anti-scald designed sterilization chamber to avoid corrosion
- Multi-layered pressure protection system
- Five sterilization modes for drying and warming of solids, semi-solids and liquids
- Microcomputer control system
- Simple and easy to understand control panel
- Automatic checking of locking condition of cover
- Automatic sterilization according to preset time
- Fully automatic internal discharge control embedded with a steam trapping bottle
- Safety device: Self-induction pressure interlocking device, over temperature protection system, dry scorch protection system, overpressure protection, safety valve, over current and short circuit protection, cover inspection system, leakage protection device, anti-scald safety protection and automatic trouble shooting system
- Optional: Stainless steel basket

### Application:

Labocon Vertical Autoclave is suitable in bacteriological and research laboratories, medical, clinical and pharmaceutical units, hospitals, pathological laboratories, R & D laboratories, etc.

## Vertical Autoclave LVA-300 Series



### Specification:

Model  Features	LVA-301-A	LVA-302-A	LVA-303-A	LVA-304-A
	LVA-301-B	LVA-302-B	LVA-303-B	LVA-304-B
	LVA-301-C	LVA-302-C	LVA-303-C	LVA-304-C
Capacity	36 L	54 L	80 L	100 L
Sterilization Temp.	105-135°C			
Working Temp.	5°C-138°C			
Humidity Range	10%-85% RH			
Pressure	0-0.6MPa			
Chamber Dimension	320×530 mm	320×730 mm	400×700 mm	400×800 mm
Overall Dimension	460x542x1070 mm	460x542x1070 mm	620x680x1040 mm	620x680x1140 mm
Power	2300 W	2900 W	4600 W	4600 W
Power Supply	220V 50Hz/60Hz			
Catalog No.	9522139601A/B/C	9522140601A/B/C	9522141601A/B/C	9522142601A/B/C

## Function Table

Model		LVA-301-A	LVA-301-B	LVA-301-C
		LVA-302-A	LVA-302-B	LVA-302-C
		LVA-303-A	LVA-303-B	LVA-303-C
Features				
Sterilization mode	Solid mode: Heating-Sterilization -Exhausting	Yes	Yes	Exhausting controlled by a knob
	Solid with drying mode: Heating- Sterilization- Exhausting-Water drainage-Drying	Yes	No	No
	Liquid mode: Heating-Sterilizing -Precooling- Exhausting	Yes	Yes	Exhausting controlled by a knob
	Liquid with warming mode: Heating-Sterilizing- Precooling- Exhausting-Warming	Yes	Yes	No
	Agar mode: Heating-Melting- Warming	Yes	Yes	Yes
Preset range of exhausting temperature		73-104°C	73-104°C	Exhausting controlled by a knob
Preset range of drying time		1-300min	No	No
Status flow chart that displays work processes		Yes	Yes	Status indicator
Timed start up		0min-6days delayed	0min-6days delayed	No
Procedures created		60	60	20



## Vertical Autoclave LVA-400 Series



Labocon features Vertical Autoclave LVA-400 Series is ergonomically designed to provide high quality reliable performance for a wide range of applications in laboratories. It helps in sterilization procedures in a laboratory based environment, which has its unique requirements.

### Features:

- Stainless steel chamber material
- Resin coated insulation of chamber cover and bench to avoid hand burns
- Rounded corners avoid collisions and injuries
- Six sterilization modes for drying and warming of solids, semi-solids and liquids
- Waste sterilization mode and drying function
- Temperature and pressure calibration interface
- Microcomputer control system
- Simple and easy to understand control panel
- Automatic monitoring of the discharge conditions of cold air
- Convenience of frequent water feeding
- Automatic opening of the vent valve to discharge steam on completion of sterilization procedure
- Automatic sterilization according to preset time
- Fully automatic internal discharge control embedded with a steam trapping bottle
- Safety function: "Eight-column evenly distributed" interlocking device, electric double inner locks, dry scorch protection, overpressure protection, safety valve, over temperature protection, over current and short circuit protection, leakage protection, cooling lock, anti-scald chamber cover and bench, automatic troubleshooting
- Optional:
  - \* Stainless steel basket
  - \* Drainage hose
  - \* Water plate
  - \* Exhaust bottle
  - \* Stainless steel pail
  - \* Cooling fan
  - \* Thermometer

### Application:

Labocon Vertical Autoclave is applicable in bacteriological and research laboratories, medical and health work, scientific and agricultural institutes.

## Vertical Autoclave LVA-400 Series



### Specification:

Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           
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## Function Table

Features		Model	LVA-401-A	LVA-401-B	LVA-401-C
			LVA-402-A	LVA-402-B	LVA-402-C
			LVA-402-A	LVA-403-B	LVA-403-C
Sterilization mode	Solid mode: Heating-Sterilizing- Exhausting and air cooling		Yes	Yes	Yes
	Solid with drying mode: Heating-Sterilizing- Exhausting and air cooling-water drainag e-drying		Yes	No	No
	Liquid mode: Heating-sterilizing- Precooling-Steam exhausting		Yes	Yes	Yes
	Waste Mode: Heating-Sterilizing- Steam exhausting and air cooling		Yes	Yes	Yes
	Waste Mode: Heating-Sterilizing- Steam exhausting and air cooling		Yes	Yes	Yes
	Agar Mode: Heating-Melting- Warming		Yes	Yes	Yes
Automatic water feeding			STANDARD	STANDARD	No
Water level sensor			STANDARD	STANDARD	No
Cooling fan			STANDARD	STANDARD	OPTIONAL
Load thermometer			STANDARD	STANDARD	OPTIONAL
Printer			STANDARD	STANDARD	OPTIONAL
Memory system			Create 60 procedures	Create 60 procedures	Create 20 procedures

## Labocon Class N Autoclave

Labocon Medical Class N Autoclave is non-vacuum autoclave designed for the sterilization of solid instruments only. The air inside the chamber is removed by thermodynamic air displacement. The steam produced by the boiler pushes the air out of the chamber thoroughly sterilizing the instruments. It is widely used in hospitals, clinics and laboratories.

### Labocon Class N Autoclave 100 Series

Labocon Medical Class N Autoclave 100 Series employs thermodynamic working method with pressure and temperature control. The unit has with 2 programs for easy operation. It is also equipped with safety features of temperature and pressure-rise protection, door with lock protection and water level alarm indicator.

Program	121(°C) Solid	134(°C) Solid
Vacuum	0	0
Temp(°C)	121	134
Pressure (KPA)	110	210
Time (Min)	20	4

#### Features:

- LCD Display
- Automatic water feeding and draining system
- Automatic door locking system
- Interface: RS232
- Safety features: Over heat control, over pressure control, safety door locking system, low water level indicator
- ISO & CE 1366 Certified

#### Application:

Labocon Medical Class N Autoclave is used to sterilize solid non-wrapped medical equipment such as hypodermic needles, forceps, needle holders, scalpel etc., and medical waste in hospitals, clinics and laboratories.



## Specification

Model	LMTA-101	LMTA-102	LMTA-103
Capacity	14 L	17L	23L
Sterilization Temp	121°C, 134°C		
Sterilization Time	4 min - 20 min		
Chamber Material	Stainless Steel SUS 304		
Trays	2		
Water Tank	Water fed from outside tank		
Working Pressure	0.21 MPa		
Chamber Dimension	250x280 mm	250x350 mm	250x490 mm
Overall Dimension (L×W×H)	480x480x430 mm	480x560x430 mm	480x690x430 mm
Power	1200 W	1200 W	1500 W
Power Supply	220/110V±10, 50/60Hz		
Weight (Net/Gross)	30/38 kg	32/40 kg	36.5/45 kg.
Catalog No.	5101405481	5101406481	5101407481



## Labocon Medical Class N Autoclave 200 Series

Labocon Medical Class N Autoclave 300 Series is equipped with automatic sterilization, adjustable sterilization time, automatic water feeding and draining system. The inner chamber generates steam and ensures accurate temperature control with easy operations.

Program	121(°C) Solid	134(°C) Solid
Vacuum	0	0
Temp(°C)	121	134
Pressure (KPA)	110	210
Time (Min)	20	4

### Features

- LED display
- Built-in steam generator in Chamber
- Filtered water can also be used
- High density bacteria filter
- Adjustable sterilization time
- Safety features: Over heat control, over pressure control, safety door locking system, low water level indicator
- Printer: Thermal/Stylus
- Interface: RS232
- Optional: Electrical lock
- ISO & CE 1366 Certified

### Application:

Labocon Medical Class N Autoclave is used to sterilize solid non-wrapped medical equipment such as hypodermic needles, forceps, needle holders, scalpel etc., and medical waste in hospitals, clinics and laboratories.



## Specification

Model	LMTA-201	LMTA-202	LMTA-203
Capacity	12 L	18L	22L
Sterilization Temp	121°C, 134°C		
Working Pressure	0.11- 0.21 MPa		
Sterilization Time	4 min - 20 min		
Chamber Material	Stainless Steel		
Trays	3		
Water Tank	Water fed from outside tank		
Chamber Dimension	200x360 mm	250x350 mm	250x450 mm
Overall Dimension (L×W×H)	660x445x390 mm		700x445x390 mm
Power	1700 W		
Power Supply	220V, 50Hz		
Weight (N.W/G.W)	42/49 kg	44/52 kg	50/56 kg
Catalog No.	9522139582	9522140582	9522141582

## Labocon Medical Class N Autoclave 300 Series

Labocon Medical Class N Autoclave 300 Series is equipped with automatic sterilization, adjustable sterilization time, automatic water feeding and draining system. The inner chamber generates steam and ensures accurate temperature control with easy operations.

Program	121(°C) Solid	134(°C) Solid
Vacuum	0	0
Temp(°C)	121	134
Pressure (KPA)	110	210
Time (Min)	20	4

### Features:

- LED display
- Filtered water can also be used
- Adjustable sterilization time
- High density bacteria filter
- Safety features: Over heat control, over pressure control, safety door locking system, low water level indicator
- Printer: Thermal/Stylus
- Interface: RS232
- Optional: Electrical lock
- ISO & CE 1366 Certified

### Application:

Labocon Medical Class N Autoclave is used to sterilize solid non-wrapped medical equipment such as hypodermic needles, forceps, needle holders, scalpel etc., and medical waste in hospitals, clinics and laboratories.



## Specification

Model	LMTA-301	LMTA-302	LMTA-303	LPVA-304
Capacity	8 L	12 L	18 L	22 L
Sterilization Temp	121°C, 134°C			
Working Pressure	0.11-0.21 MPa			
Sterilization Time	4 min - 20 min			
Chamber Material	Stainless Steel			
Trays	3			
Water Tank	Internal Stainless Steel water tank			
Chamber Dimension	170x320 mm	200x360 mm	250x350 mm	250x450 mm
Overall Dimension (L×W×H)	535x365x320 mm	660x445x390 mm		700x445x390 mm
Power	1700 W			
Power Supply	220V, 50Hz			
Weight (N.W/G.W)	33/39 kg	42/49 kg	44/52 kg	50/56 kg
Catalog No.	9522135582	9522136582	9522137582	9522138582

## Specification

Model	LMTA-301	LMTA-302	LMTA-303	LPVA-304
Capacity	8 L	12 L	18 L	22 L
Sterilization Temp	121°C, 134°C			
Working Pressure	0.11-0.21 MPa			
Sterilization Time	4 min - 20 min			
Chamber Material	Stainless Steel			
Trays	3			
Water Tank	Internal Stainless Steel water tank			
Chamber Dimension	170x320 mm	200x360 mm	250x350 mm	250x450 mm
Overall Dimension (L×W×H)	535x365x320 mm	660x445x390 mm		700x445x390 mm
Power	1700 W			
Power Supply	220V, 50Hz			
Weight (N.W/G.W)	33/39 kg	42/49 kg	44/52 kg	50/56 kg
Catalog No.	9522135582	9522136582	9522137582	9522138582



## Labocon Pre and Post Vacuum Class B Autoclave

Labocon Pre and Post Vacuum Class B Autoclave is designed to give you a smooth, hands-free sterilization process. The autoclaves operate automatically with 134°C and 121°C sterilizing temperatures (with or without drying). You can choose the optimal sterilization cycle for each individual load and the machine will automatically adjust the cycle time dependent on the mass of load used. This ensures optimum sterilizing and drying conditions for all loads and delivers the highest standards of sterilization for virtually every type of load-solid, hollow, and porous. The high-quality stainless steel chamber is easy to clean, and durable enough to withstand extreme heat and pressure. Convenient access to the water tanks and filter makes the maintenance quick and easy.

## Labocon Pre and Post Vacuum Class B Autoclave 100 Series

Labocon Pre and Post Vacuum Class B Autoclave 100 Series has compact outer dimensions making it a perfect fit for today's contemporary clinic. The 100 Series is designed to sterilize class B cycles. Automatic sterilization and drying function with adjustable sterilization time makes it perfect choice for all the sterilization procedures.

Program	121(°C) Solid	121(°C) Universal	134(°C) Solid	134(°C) Universal	Cotton	BD/Helix Test	Vacuum Test
Vacuum	1	3	1	3	3	3	3
Temp(°C)	121	121	134	134	134	134	/
Pressure(KPA)	110	110	210	210	210	210	-80
Time (Min)	20	20	4	4	4	3.5	15

### Features:

- Pre and Post Vacuum Sterilizer
- 5 Preset Sterilization Cycles
- Built-in steam generator in chamber
- LED Display
- Flirted water can also be used
- Automatic water feeding and draining system
- Safety functions: Over heat, over pressure, low water level indicator, safety door lock system present
- Prion programme available
- Printer: Thermal/Stylus
- Interface: RS232
- Vacuum Helix and Bowie & Dick Test passed
- ISO & CE 1366 Certified
- Optional: Electrical lock



## Labocon Pre and Post Vacuum Class B Autoclave 100 Series

### Application:

Labocon Pre and Post Vacuum Class B Autoclaves are widely used in university, research, healthcare, pharmaceutical, food/beverage markets, medical purposes, e.g. in general medical practices, dentistry, facilities for personal hygiene and beauty care and also veterinary practices.

### Specification:

Model	LPVA-101	LPVA-102	LPVA-103	LPVA-104
Capacity	8 L	12 L	18 L	22 L
Sterilization Temp	121°C, 134°C			
Sterilization Time	24 min	30 min	33 min	35 min
Working Pressure	0.21 MPa			
Chamber Material	Stainless Steel SUS 304			
Tray	3			
Water Tank	2 x 4.5L Internal Stainless Steel water tanks			
Chamber Dimension (Dia×Depth)	170x320mm	200x360mm	250x350mm	250x450mm
Overall dimension (L×W×H)	535x365x320 mm	660x445x390 mm		700x445x390 mm
Power	1700 W			
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	34/40 kg	45/53 kg	48/56 kg	50/58 kg
Catalog No.	9522101582	9522102582	9522103582	9522104582

## Labocon Pre-Vacuum Class B Autoclave 200 Series

Labocon Pre and Post Vacuum Class B Autoclave 200 Series has total conformity to the CE 1366 norms. This guarantees you the tranquillity that all the wrapped instruments (solid, hollow and porous) are sterilized correctly, in total safety for you. High performance steam generator and vacuum pump combination ensures that sterilization cycle takes place at maximum speed, whatever the volume of load is to be sterilized. For special loads, users can adjust the time by themselves to ensure complete sterilization which can be achieved in 12 minutes (including drying time).

Program	121 (°C) Solid	121 (°C) Hollow	121 (°C) Porous	134 (°C) Solid	134 (°C) Hollow	134 (°C) Porous	Cotton	Prion	User Defined	BD/ Helix Test	Vacuum Test	Clean
Vacuum	1	3	3	1	3	3	3	3	Yes	3	1	3
Temp(°C)	121	121	121	134	134	134	134	134	Yes	134	/	105
Pressure (KPA)	110	110	110	210	210	210	210	210	Yes	210	-80	20
Time (Min)	20	20	20	4	4	4	4	19	Yes	3.5	15	5

### Features:

- Pre and Post Vacuum Sterilizer
- 11 Preset Sterilization Cycles
- LCD display
- Dual core control system
- High density bacteria filter
- User-defined cycles and cleaning programs
- Maximum negative pressure of -0.80 bar
- Preheated chamber keeps the chamber warm and ready to use
- Drying time: 1-60 min
- Powerful steam generator and vacuum pump
- First class safety system with electrical lock
- Multi languages available: English, Italian, German, Chinese
- Separate and set up and service menu
- Password protection
- Safety features: Over heat control, over pressure control, safety door locking system, low water level indicator
- Printer: Thermal/Stylus + USB Output
- Interface: RS232
- Vacuum Helix and Bowie & Dick Test passed
- ISO & CE 1366 Certified



## Labocon Pre-Vacuum Class B Autoclave 200 Series

### Application:

Labocon Pre and Post Vacuum Class B Autoclaves are widely used in university, research, healthcare, pharmaceutical, food/beverage markets, medical purposes, e.g. in general medical practices, dentistry, facilities for personal hygiene and beauty care and also veterinary practices.

### Specification:

Model	LPVA-201	LPVA-202	LPVA-203	LPVA-204
Capacity	8 L	12 L	18 L	22 L
Sterilization Temp	121°C, 134°C			
Sterilization Time	4 min - 60 min			
Working Pressure	0.21 - 0.23 MPa			
Chamber Material	Stainless Steel SUS 304			
Tray	3			
Water Tank	2 x 4.5L Internal Stainless Steel water tanks			
Chamber Dimension (Dia×Depth)	250×350 mm			
Overall dimension (L×W×H)	780x500x430 mm			
Power	2400 W			
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	59/70 kg			
Catalog No.	9522105582	9522106582	9522107582	9522108582

## Labocon Pre-Vacuum Class B Autoclave 300 Series

Labocon Pre and Post Vacuum Class B Autoclave 300 Series is designed with electro-polished stainless steel, offering high quality and durability. It is combined with advanced international technology with pre-vacuum system ensuring an effective air removal from the chamber. The separated steam generator guarantees high quality saturated system. It manages 8 B-type Sterilization programs and 2 test programs.

Program	121 (°C) Solid	121 (°C) Hollow	121 (°C) Porous	134 (°C) Solid	134 (°C) Hollow	134 (°C) Porous	Quick	Prion	BD/ Helix Test	Vacuum Test
Vacuum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	10	-
Temp(°C)	121	121	121	134	134	134	134	134	134	-
Pressure (KPA)	111	110	110	210	210	210	210	210	210	-80
Time (Min)	20	20	20	4	4	4	4	18	18	8



### Features:

- Pre and Post Vacuum Vacuum Sterilizer
- LCD Display
- Automatic water feeding and draining system
- Automatic safety door lock system
- ARM 7 CPU Processor delivers best results
- Multi-languages available: English, Italian, German, Chinese
- Safety functions: Over heat, over pressure, low water level indicator, safety door lock system present
- Printer: Thermal
- Interface: RS232
- Vacuum Helix and Bowie & Dick Test passed
- ISO & CE 1366 Certified



## Labocon Pre-Vacuum Class B Autoclave 300 Series

### Application:

Labocon Pre and Post Vacuum Class B Autoclaves are widely used in university, research, healthcare, pharmaceutical, food/beverage markets, medical purposes, e.g. in general medical practices, dentistry, facilities for personal hygiene and beauty care and also veterinary practices.

### Specification:

Model	LPVA-301	LPVA-302	LPVA-303
Capacity	14 L	17 L	23 L
Sterilization Temp	121°C, 134°C		
Sterilization Time	4 min - 18 min		
Working Pressure	0.21 MPa		
Chamber Material	Stainless Steel SUS 304		
Tray	5		
Water Tank	Internal Stainless Steel water tanks		
Chamber Dimension (Dia×Depth)	250×270 mm	250×380 mm	250×500 mm
Overall dimension (L×W×H)	480×480×520 mm	480×560×420 mm	480×670×420mm
Power	1200 W	1300 W	1800 W
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	42/50 kg	46.5/55 kg	56/65 kg
Catalog No.	9522109482	9522110482	9522111482

## Dental Autoclave



When it comes to clinical applications, medical grade sterilizations that can handle any type of load are a key advantage in autoclaves. Through the integration of state of the art design standards, Labocon offers Dental Autoclave that has the most state of the art functionality.

Labocon Dental Autoclave is Type B Vacuum Autoclave with Pre and Post Vacuum function designed for the sterilization of linen, wrapped, hollow or solid items. The vacuum unit has a pump removing the air inside the chamber. The vacuum cycles operates as a triple fractionated pulse where the air is removed 3 times before the steam injection. This process ensures perfect sterilization every time with highest efficiency, flexibility, easier use, traceability, and lower consumption of energy and water.

Our products all work seamlessly together and are designed to provide a smooth, hands free decontamination process.

## Dental Autoclave 100 Series

Labocon Dental Autoclave 100 Series has compact outer dimensions making it a perfect fit for today's contemporary clinic. The 100 Series is designed to sterilize class B cycles. Automatic sterilization and drying function with adjustable sterilization time makes it perfect choice for the sterilization of narrow and hollow instruments and wrapped packs.

Program	121(°C) Solid	121(°C) Universal	134(°C) Solid	134(°C) Universal	Cotton	BD/Helix Test	Vacuum Test
Vacuum	1	3	1	3	3	3	3
Temp(°C)	121	121	134	134	134	134	/
Pressure(KPA)	110	110	210	210	210	210	-80
Time (Min)	20	20	4	4	4	3.5	15

### Features:

- Pre and Post Vacuum Sterilizer
- 5 Preset Sterilization Cycles
- LED Display
- High density bacteria filter
- Filtered water can also be used
- Prion programme available
- Vacuum Helix and Bowie & Dick Test passed
- Printer: Thermal/Stylus
- Interface: RS232
- Safety functions: Over heat, over pressure, low water level indicator, safety door lock system present
- ISO & CE 1366 Certified
- Optional: Electrical Lock

## Dental Autoclave 100 Series

### Application:

Labocon Dental Autoclave are designed to perform Class B sterilization for all types of instruments and materials including all wrapped (single & double) or unwrapped items. They can also be used to make waste safe prior to incineration, instruments, glassware and apparatus sterilization and use in various areas of dental surgery.



### Specification

Model	LDTA-101	LDTA-102	LDTA-103	LDTA-104
Capacity	8 L	12 L	18 L	22 L
Sterilization Temp	121°C, 134°C			
Sterilization Time	4 min - 60 min			
Working Pressure	0.21 - 0.23 MPa			
Chamber Material	Stainless Steel 304			
Tray	3			
Water Tank	2 x 1.5L Internal Stainless Steel water tanks			
Chamber Dimension (Dia×Depth)	170×320mm	200×360mm	250×350mm	250×450mm
Overall Dimension (L×W×H)	535x365x320 mm	660x445x390 mm		700x445x390 mm
Power	1700 W			
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	34/40 kg	37/46 kg	40/49 kg	43/52 kg
Catalog No.	9522122582	9522123582	9522124582	9522125582

## Dental Autoclave 200 Series



Labocon Dental Autoclave-200 Series is a pre and post vacuum sterilizer for sterilization of wrapped materials, narrow hollow instruments and porous loads, ideal for private clinics and dental practices. The pre-vacuum system ensures an effective air removal from the chamber. It manages 8 B-Type sterilization systems and 2 test programs. The separated steam generator ensures high quality saturated steam. Its operation is simple and safe due to a high-tech computerized control system and fully automatic door.

Program	121(°C) Hollow	121(°C) Porous	121(°C) Wrapped	134(°C) Solid	134(°C) Hollow	134(°C) Porous	134(°C) Wrapped	Prion	BD/Helix Test	Vacuum Test
Vacuum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	10	-
Temp(°C)	121	121	121	134	134	134	134	134	134	-
Pressure (KPA)	110	110	110	210	210	210	210	210	-80	210
Time (Min)	20	20	20	4	4	4	4	19	18	8

### Features:

- Pre and Post Vacuum Sterilizer
- Maximum negative pressure of -0.90 bar
- LCD Display
- Drying Procedure: Vacuum Drying
- Fully automatic operation with auto door locking system
- Automatic water feeding and draining system
- Automatic safety shutoff prevents overheating of chamber
- Printer: Thermal/Stylus
- Interface: RS232
- Safety features: Over heat control, over pressure control, safety door locking system, low water level indicator
- ISO & CE 1366 Certified
- Vacuum Helix and Bowie & Dick Test passed

### Application:

Labocon Dental Autoclave are designed to perform Class B sterilization for all types of instruments and materials including all wrapped (single & double) or unwrapped items. They can also be used to make waste safe prior to incineration, instruments, glassware and apparatus sterilization and use in various areas of dental surgery.



## Dental Autoclave 200 Series

### Specification

Model	LDTA-201	LDTA-202	LDTA-203
Capacity	14 L	17 L	23 L
Sterilization Temp	121°C, 134°C		
Sterilization Time	4 min - 18 min		
Working Pressure	0.21 MPa		
Chamber Material	Stainless Steel SUS 304		
Tray	3 / 5		
Water Tank	Internal Stainless Steel water tanks		
Chamber Dimension (Dia×Depth)	250x280 mm	250x350 mm	250x490 mm
Overall Dimension (L×W×H)	480x480x420 mm	480x530x420 mm	480x690x420 mm
Power	1200 W	1300 W	1800 W
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	37.5/45.5 kg	40/48 kg	44/53 kg
Catalog No.	9522126482	9522127482	9522128482

## Dental Autoclave 300 Series

Labocon Dental Autoclave-300 Series are pre and post vacuum sterilizers built for dental and private clinics with high quality features and technologically advanced standards guaranteeing you the best sterilization. The 300 Series is stylish, compact with user friendly multifunction operation, making it an essential addition to your practice. Using the most advanced table top technology, 300 Series have been designed to eliminate air pockets from all load types and maximize steam penetration to instrument components. Hence, it provides faster and more effective steam penetration and better sterilization performance.

Program	121(°C) Solid	121(°C) Hollow	121(°C) Porous	134(°C) Solid	134(°C) Hollow	134(°C) Porous	Cotton	Prion	User Defined	BD/Helix Test	Vacuum Test	Clean
Vacuum	1	3	3	1	3	3	3	3	Yes	3	1	3
Temp(°C)	121	121	121	134	134	134	134	134	Yes	134	/	105
Pressure (KPA)	110	110	110	210	210	210	210	210	Yes	210	-80	20
Time (Min)	20	20	20	4	4	4	4	19	Yes	3.5	15	5

## Features:

- Pre and Post Vacuum Sterilizer
- 11 Preset Sterilization Cycles
- LCD display
- Dual core control system
- High density bacteria filter
- User-defined cycles and cleaning programs
- Maximum negative pressure of -0.80 bar
- Preheated chamber keeps the chamber warm and ready to use
- Drying time: 1-60 minutes
- Powerful steam generator and vacuum pump
- First class safety system with electrical lock
- Multi languages available: English, Italian, German, Chinese
- Separate and set up and service menu
- Printer: Thermal/Stylus
- Interface: USB + RS232
- ISO & CE 1366 Certified
- Safety features: Over heat control, over pressure control, safety door locking system, low water level indicator
- Vacuum Helix and Bowie & Dick Test passed

## Application:

Labocon Dental Autoclave are designed to perform Class B sterilization for all types of instruments and materials including all wrapped (single & double) or unwrapped items. They can also be used to make waste safe prior to incineration, instruments, glassware and apparatus sterilization and use in various areas of dental surgery.



## Dental Autoclave 300 Series



### Specification

Model	LDTA-301	LDTA-302
Capacity	18 L	22 L
Sterilization Temp	121°C, 134°C	
Sterilization Time	4 min - 60 min	
Working Pressure	0.21 - 0.23 MPa	
Chamber Material	Stainless Steel	
Tray	3	
Water Tank	2 x 4.5L Internal Stainless Steel water tanks	
Chamber Dimension (Dia x Depth)	250x350 mm	250x450 mm
Overall Dimension (L x W x H)	650x500x430 mm	780x500x430 mm
Power	2300 W	2400 W
Power Supply	220 V, 60 Hz	
Weight (Net/Gross)	47/57 kg	59/70 kg
Catalog No.	9522129582	9522130582