

A Brand of
LUXLIGHTING TECHNOLOGY PRIVATE LIMITED

CSSD Equipment Solutions



The Central Sterile Supply Department (CSSD) is a service unit of the hospital responsible for providing guaranteed sterile equipments / instruments to all the departments of hospital for immediate use in patients care – A step towards the prevention of Hospital Acquired Infections (HAI).



Static & Dynamic Pass Box

CSSD Equipment Solutions

Safe Working Environmental

It is widely used in the place where the clean air is needed, such as micro technology, biological laboratory, pharmaceutical factory, hospital, food processing industry, LCD, electronic factory.

Pass box is used to transfer goods between rooms of different clean levels of clean room. It can reduce times of opening door, prevent the air convection between different rooms and minimize the pollution extent.



17-09-23 ON 19:30
BlrTmr:M:0000 S:45
UvsTmr:M:0000 S:39
mmWC:11.9 Pa:116

17-09-23 ON 19:30
UvsHrs:00000:03000
UvsHrs:00000:04:09
BlrHrs:00000:04:30

17-09-23 OFF 19:31
Job Over
UvsHrs:00000:04:26

17-09-23 19:32
mmWC:H30.0 L5.0
Uvs S:10 UvsM:0001
Blr S:16 BlrM:0001

BlrEnable
UvsEnable
FLU:Enable
UvsHrs:3000

Models:

Type	AirShower Pass Box			PassBox		
Model	LMLMAS-01	LMLMAS-02	LMLMAS-03	LMPB-01	LMPB-02	LMPB-03
External size (W*D*H) mm	660*570*1000	760*670*1100	860*770*1200	660*570*580	760*670*680	860*770*780
Internal size (W*D*H) mm	500*500*500	600*600*600	700*700*700	500*500*500	600*600*600	700*700*700
Material	304 Stainless steel					
Interlock	Electronical					
UV Lamp	8W*1	15W*1		8W*1	15W*1	
HEPA Filter	Efficiency ≥ 99.999% at 0.3um			/		
Clean air speed	0.36~0.54m/s			/		
Gross Weight(Kg)	80	100	125	55	70	90
Packing Size (W*D*H)mm	780*690*1190	880*790*1290	980*890*1390	780*690*770	880*790*870	980*890*970

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Drying Cabinets HEPA-filtered

CSSD Equipment Solutions



Labosys presents state-of-the-art

means for drying by HEPA-filtered air

Special attention has been paid to the flexibility of use of the large volume chamber by providing purpose designed shelves and inserts for accommodating a variety of medical devices.

The Programmable Logic Control system with advance User Interface & Display panel allows fixed and tailored cycles and easy follow-up of ongoing process status.

Features:

- Sound & heat insulated
- Heat exchanger
- Single door or pass-through, left/right hinged door(s)
- Adjustment of the interval between retractable shelves
- Advance control panel & info display
- Temperature adjustment range 30-80 C, LaboSys
- Time adjustment range 20 -180 minutes / non-stop
- Cooling time range 1-30 minutes
- Temperature & remaining time indication
- HEPA -filter condition indication
- Double overheating protection

Single Door or Pass-through, left/right hinged door(s)



Models:

Model	LMS-T25	LMS-T50	LMS-T70	LMS-T50	LMS-T50
Capacity	25L	50L	70L	50L	50L
Temp. Range	RT+10~250°C				
Temp. Precision	0.1°C				
Temp. Fluctuation	±0.5°C				
Ambient Temp.	5~40°C				
Timing Range	1~9999min				
Shelves No.	2 pcs				
Consumption	500W	750W	1050W	1500W	2000W
Power Supply	AC110/220V±10%,50/60Hz				
Internal Size(W*D*H) mm	300*300*270	420*350*350	4400*375*470	550*350*520	600*550*570
External Size(W*D*H) mm	590*470*440	710*520*520	540*550*870	840*540*720	890*730*770
Packing Size (W*D*H) mm	710*600*550	810*640*600	670*660*1040	950*680*880	1020*890*930
Gross Weight(kg)	45	50	75	80	100

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Drying Cabinets

After cleaning and disinfecting medical devices, dry them in your CSSD LuxMed[®] drying cabinet: Single-door or pass-through, 4+4 shelves, accessories for various needs.

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Application:

Hot air sterilizer is used to sterilize small surgical instrument, glass, petri dishes etc.

This device is suitable for medical and veterinary clinics, hospitals, pharmacies, health care centers, and laboratories.

Features:

- Adjustable sterilization time.
- Over-temperature alarm.
- Top air outlet with adjustable air volume.
- Heating up fast, forced-air convection, fast sterilization.
- High precision microprocessor temperature control; 304 stainless steel inner chamber.
- Fan inside, fully sealed inside, no air circulation with external air, temperature rise fast.

Models:

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ETO Sterilizer

Sterilize critical moisture or heat sensitive items.

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Features:

- Negative pressure working system: to guarantee in the whole operation process of EO gas overflow, even if there is leakage, and outside air into the cavity.
- Automatic safety monitoring functions: real-time monitoring of the sterilization chamber pressure changes.
- Effective ventilation to remove residual: automatic pulsing exhaust ventilation system, aim to minimize the epoxy ethane residues.
- Safety door interlock: during operation, unable to open the door.
- Two temperature choices: 55 °C high temperature, 37 °C low temperature.
- Humidification control system: built-in humidity sensor real-time monitoring.
- Power off memory function.
- Electric lift door.

Unique Design Standalone Working Unit

✗ NO External Input Pressure ✗ NO External Input Vacuum



ETO - Ethylene Oxide Sterilization One Touch Process Built In - 8 nos.



Models:

Model	LME02C-135	LME02C-225
Chamber Size (W*D*H)mm	750*450*400	1250*450*400
Overall Dimension (W*D*H)mm	950*860*1730	1450*860*1730
Chamber Volume (L)	135	225
Consumption	3.5kW	4.5kW
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessories	Stainless steel basket*2 units, EO gas can*3 units, printer	
Package Size (W*D*H)mm	1100*950*1950(Main body)	1650*1000*2050(Main body)
	1000*650*550(Accessories)	1550*500*530(Accessories)
Net Weight(kg)	300	400
Gross Weight(kg)	350	450
EO gas can (Optional)		
Model	Z-100	V-170
Size(mm)	φ50*150	

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Steam Sterilizer

Horizontal Cylindrical Pressure Autoclave

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This type sterilizer is applicable for medical liquid, instrument and dressing fabric in medical institution and pharmaceutical factory.

Application:

It is applicable for the sterilization of unpacked solid instrument in department of Stomatology, Ophthalmology, Operation room and CSSD.

Features:

- Drying function.
- Interlock function.
- Automatic sterilization process.
- 304 stainless steel material chamber.
- Safety valve for over pressure protection.
- Automatically fill water in case of low water level.
- Over-temperature, over-pressure protection device.
- Water level sensor. The power will be cut-off.
- Double door optional



Models:

Model	LMA-H150	LMA-H200	LMA-H300	LMA-H400	LMA-H500
Capacity	150L	200L	280L	400L	500L
Chamber Size(mm)	φ440*1000	φ515*1000	φ600*1000	φ700*1100	φ700*1300
Working Pressure	0.23MPa				
Working Temp.	134°C				
Temperature Range	105~134°C				
Sterilization Time	0~60 min				
Drying Time	0~60 min				
Temp. accuracy	≤ ±2°C				
Consumption	9KW		12KW	18KW	
Power Supply	220V/380V, 50/60Hz		380V, 50Hz		
External Size (mm)	1400*600*1300		1400*770*1780	1430*880*1830	1800*900*1820
Packing Size (mm)	1500*900*2050		1680*920*2100	1600*1050*2100	1850*1050*2100
Gross Weight (kg)	320		465	530	580

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Autoclave - Vertical

Vertical Cylindrical Pressure Autoclave

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Vertical Autoclave fitted with S.S/Gun metal lid having an inner & outer chamber made of S.S. 304 also fitted with vacuum breaker as a safety device. All Autoclaves are fitted with standard accessories as a radial lock, pressure gauge, steam release cock, and safety valve to work on to 220 volts.



Model: LM-STR- 50L

Chamber Size in (Dia x Depth)	Load	Capacity (Approx)
250 x 450 mm	2 KW	22 Ltr.
300 x 500 mm	3 KW	40 Ltr.
350 x 550 mm	4 KW	50 Ltr.
400 x 600 mm	5 KW	78 Ltr.
450 x 600 mm	5 KW	98 Ltr.
550 x 750 mm	6 KW	152 Ltr.

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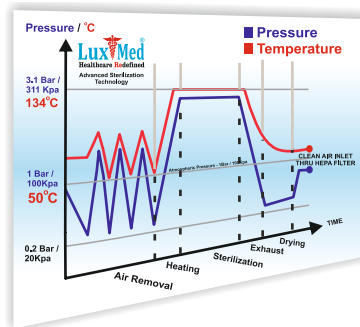
Table Top Autoclave - Class B

Robust and Compact Space-efficient

CSSD Equipment Solutions



- B-process, N- process, Dri-Tec drying - process.
- Automatic (with manual override facility in case of auto mechanism failure).
- Sterilizing Cycle Processes available: 121 degree C Wrapped, 134 degrees C Wrapped, 134 degree C Flash/Rapid open instrument cycle, 134 degree C textile, Test programs: Bowie & Dick, Leak Test.
- Audio- visual Alarm facility available for notifying: Temperature sensor failure, Pressure sensor failure, Phase time out, Door improperly closed, Power failure (no alarm if duration of power failure < 10 sec), Safety device malfunctioning, Low water level, Cassette improperly closed.

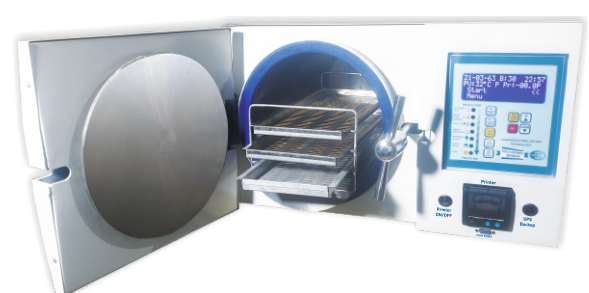


MODEL	CAPACITY
LM-TTA-15-K	15-18 LITER
LM-TTA-25-K	20-25 LITER
LM-TTA-25-G	20-25 LITER

Fully Automatic Operation



- The tabletop autoclave can be used for medical and surgical items in ophthalmology, dentistry, and internal medicine clinics, such as packaged items, hollow and porous items for sterilization, and can also be used in emergency rooms and small laboratories.
- **LMA-ZB** series sterilizer is an automatic high temperature and rapid pressure sterilizer which works with steam as a medium.
- It can be widely used in departments of stomatology and ophthalmology, operating room, supply room, dialysis room, and other medical institutions. It is unpacked items, solid instruments, dental handpieces, endoscopes, implantable instruments, dressing fabric, rubber tubes, etc.
- **Build-in open-type water tank**
The sterilizer adopts an easy-clean open-type water tank which can support repeated program running if fully injected with water.
- **High-efficiency ultimate vacuum**
The sterilizer adopts a high-efficiency low noise vacuum system which has excellent effects.
- **Large LCD display for LMAZA/LMAZB**
The LCD screen can display temperature, pressure, time, operating status, failure warning, and other information. It is convenient for customers to observe the sterilizer's running status.
- **Multiple program types**
The system has various programs, including packed items, unpacked items, BD testing program, vacuum testing program, and drying function. The custom program, rapid program and preheat function (for LMA-Z16B).
- **Standard USB port for LMAZA/LMAZB**
Users can store the sterilization data with a USB disk.
- **Optional mini printer can be attached to record the sterilization process.**



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Labosys manufactures Hospital Furniture like Cabinets, Trolleys, Sinks, Work Tables, Storage Shelves, Infusion Stands, Stools and more.

Images are only for references, we submit drawing as per CSSD site requirements

Washing Station Double Sink.



Washing Station Single Sink.



Cabinets



Work Tables



Trolleys

Storage Shelves

