













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

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Static & Dynamic Pass Box

Safe Working Environmental

Hospital CSSD Equipment



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.







Models:

Туре	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	304 Stainless steel					
Interlock	Electronical	Electronical					
UV Lamp	8W*1	15W*1	15W*1		15W*1		
HEPA Filter	Efficiency≥99.999%	Efficiency≥99.999% at 0.3um			1		
Clean air speed	0.36~0.54m/s			1			
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

Hospital CSSD Equipment



LuxMed® 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 exhanger
- 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,
- •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.

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.

Hospital CSSD Equipment



Models:

MIOGETS:					
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	0%,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
Shelves No. Consumption Power Supply Internal Size(W*D*H) mm External Size(W*D*H) mm Packing Size (W*D*H) mm	2 pcs 500W AC110/220V±10 300*300*270 590*470*440 710*600*550	0%,50/60Hz 420*350*350 710*520*520 810*640*600	4400*375*470 540*550*870 670*660*1040	550*350*520 840*540*720 950*680*880	600*550*570 890*730*770 1020*890*930

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ETO Sterilizer

Healthcare Redefined

Sterilize critical moisture or heat sensitive items.

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

X NO External Input Pressure X NO External Input Vacuum





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			





ETO Sterilizer











SCAN & SEND MESSAGE:

Steam Sterilizer

Lux Med Healthcare Redefined

Horizontal Cylindrical Pressure Autoclave

Hospital CSSD Equipment

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.

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• 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













Steam Sterilizer (Rectangular)



Eliminating the Microorganisms

Hospital CSSD Equipment













Steam Sterilizer (Cylindrical)





Hospital CSSD Equipment













Autoclave - Vertical

Vertical Cylindrical Pressure Autoclave

Hospital CSSD Equipment



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.



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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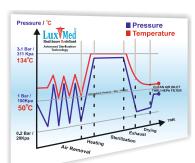
Table Top Autoclave - Class B - Flash Autoclave

Robust and Compact Space-efficient

Hospital CSSD Equipment



- B-process, N-process, Dri-Tec drying process.
- Automatic (with manual override facility in caseof auto mechanism failure).
- Sterilizing Cycle Processes available: 121 degree ${
 m C\,Wrapped, 134\,degrees\,C\,Wrapped, 134\,degree}$ 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.



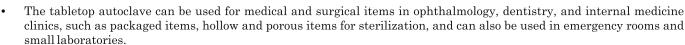


LM-TTA-15-K 15-18 LITER 20-25 LITER LM-TTA-25-G 20-25 LITER

Flash Autoclave Built In - Steam Storage

Fully Automatic Operation





- 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

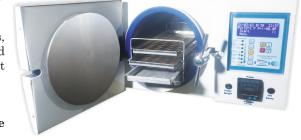
The LCD screen can display temperature, pressure, time, operating status, failure warning, and other information.

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.















Intake Water

Reservoir



Table Top Autoclave - Class B - Flash Autoclave

Robust and Compact Space-efficient

Hospital CSSD Equipment

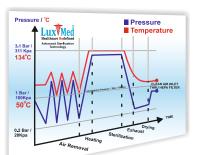


B-process

N-process

Dri-Tec drying process.

Flash Autoclave Built In - Steam Storage



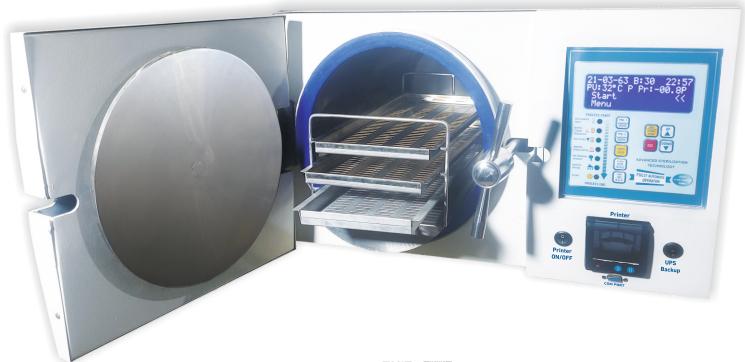


MODEL CAPACITY

LM-TTA-15-K 15-18 LITER

LM-TTA-25-K 20-25 LITER





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Dental Autoclaves Lux



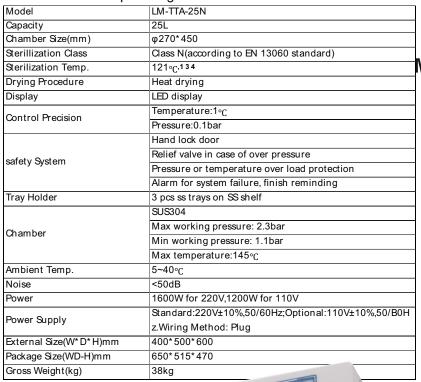
Robust and Compact Space-efficient

LM-TTA-25N sterilizer series is an N-level sterilizer. It discharges the cold air in the sterilization chamber by gravity displacement, saturates the internal steam, and reaches the set pressure and temperature. To achieve the purpose of sterilizing the items to be sterilized. Suitable for stomatology, ophthalmology, beauty, operating room and other places. It is suitable for sterilization of glassware, bare metal utensils, and unencapsulated solid instruments.

Features:

- * Adopting European N standard, thermodynamic gravity guarantees elimination of cold air from the cavity and makes sure that reaches the optimal effect of sterilization
- * Specially design for dental clinic field, simply and efficiently.
- * Microprocessor control, LED display and modularized panel for easy operation.
- * Automatic malfunction detection system makes easy maintaining.

Autoclaves are equipment for sterilizing widely used in microbiology, medicine, podiatry, tattooing, body piercing, veterinary science, mycology, dentistry, and prosthetics fabrication. They vary in size and function depending on the media to be sterilized.













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Dental Autoclaves Lux



















Table Top Autoclave Class N Series Lux



Robust and Compact Space-efficient

LM-TTA-25N sterilizer series is an N-level sterilizer. It discharges the cold air in the sterilization chamber by gravity displacement, saturates the internal steam, and reaches the set pressure and temperature. To achieve the purpose of sterilizing the items to be sterilized. Suitable for stomatology, ophthalmology, beauty, operating room and other places. It is suitable for sterilization of glassware, bare metal utensils, and unencapsulated solid instruments.

Features:

- * Adopting European N standard, thermodynamic gravity guarantees elimination of cold air from the cavity and makes sure that reaches the optimal effect of sterilization.
- * Specially design for dental clinic field, simply and efficiently.
- * Microprocessor control, LED display and modularized panel for easy operation.
- * Automatic malfunction detection system makes easy maintaining.

Autoclaves are equipment for sterilizing widely used in microbiology, medicine, podiatry, tattooing, body piercing, veterinary science, mycology, dentistry, and prosthetics fabrication. They vary in size and function depending on the media to be sterilized.

Model	LM-TTA-25N				
Capacity	25L				
Chamber Size(mm)	φ270*450				
Sterillization Class	Class N(according to EN 13060 standard)				
Sterilization Temp.	121 _{°C} ,134				
Drying Procedure	Heat drying				
Display	LED display				
Control Precision	Temperature:1∘ _C				
Control Fredision	Pressure:0.1bar				
	Hand lock door				
cofety Cystem	Relief valve in case of over pressure				
safety System	Pressure or temperature over load protection				
	Alarm for system failure, finish reminding				
Tray Holder	3 pcs ss trays on SS shelf				
	SUS304				
Chamber	Max working pressure: 2.3bar				
Grambei	Min working pressure: 1.1bar				
	Max temperature:145°C				
Ambient Temp.	5~40℃				
Noise	<50dB				
Power	1600W for 220V,1200W for 110V				
Power Supply	Standard:220V±10%,50/60Hz;Optional:110V±10%,50/B0H				
Fower Supply	z.Wiring Method: Plug				
External Size(W*D*H)mm	400* 500* 600				
Package Size(WD-H)mm	650*515*470				
Gross Weight(kg)	38kg				







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Table Top Autoclave Class N Series Lux



















Table Top Autoclave - Class B

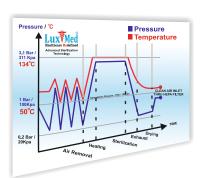
Robust and Compact Space-efficient

Hospital CSSD Equipment



Table Top Autoclave Class B Series

The table top 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.





LM-TTA-B series sterilizer is an automatic high temperature and pressure rapid sterilizer which works with steam as medium.

It can be widely used in department of stomatology and ophthalmology, operating room, supply room, dialysis room and other medical institutions. It is unpacked items, solid instruments, dental hand pieces, endoscopes, implantable instruments, dressing fabric

and rubber tubes, etc.

eatures:
. Build-in open type water tank
he sterilizer adopts easy clean open type water tank which can support repeated program running fully injected with water.
. High-efficiency ultimate vacuum
he sterilizer adopts high-efficiency low noise vacuum system which has excellent effects.
. Large LCD display for LM-TTA-B
he LCD screen can display temperature, pressure, time, operating status, failure warning and other in ormation.
t is convenient for customers to observe the sterilizer running status.
. Multiple program types
he system has various programs that include packed items, unpacked items, BD testing program, vacu
m testing program and drying function.
. Standard USB port for LM-TTA-B
sers can store the sterilization data with RS-232 / USB
.Mini printer can be attached to record the process of sterilization.

Model	LM-TTA-B-25B	
Capacity	25L	
Chamber Size(mm)	φ270*460	
Sterilization Class	Class B	
Sterilization Temperature	121°C,134	
Drying System	Vacuum drying system	
Display	LCD display	
	B&D Test	
Testing System	Vacuum Test	
	Helix Test	
Control Businism	Temperature: 1°C	
Control Precision	Pressure: 0.1bar	
Sterilization Data	LM-TTA-B-25B: RS-232 / USBand printer (standard) .	
	Hand lock door	
	Pressure lock system	
Safety System	Relief valve in case of over pressure	
	Pressure or temperature over load protection	
	Alarm for system failure, finish reminding, water level warning	
Water Supply System	Build-in water tank easy to clean	
Water Tank Capacity	3.5L	
Water Consumption	0.16L~0.18L in one cycle	
Tray Holder	3 pcs SS trays on SS shelf	
	SUS304	
el .	Max working pressure: 2.3bar	
Chamber	Min working pressure: -0.9bar	
	Design temperature: 140°C	
Ambient Temp.	5~40	
Noise	<65dB	
Consumption	1950VA	
	Standard: 220V±10%,50Hz/60Hz; Optional: 110V±10%,50Hz/60Hz.	
Power Supply	Wiring Method: Plug	
External Size(W*D*H)mm	540*600*440	
Package Size(W*D*H)mm	610*810*590	
Gross Weight(kg)	50kg	
Note: It is applicable to the al	itude below 3000 meters, and the parts need to be changed when the altitude is over 2000 meters.	

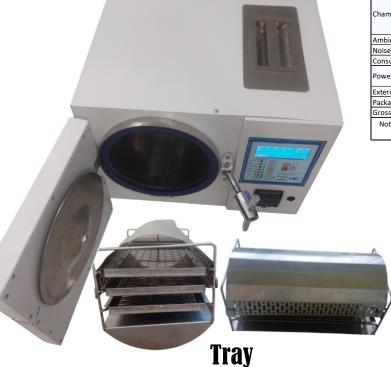












Table Top Autoclave - Class B

Robust and Compact Space-efficient

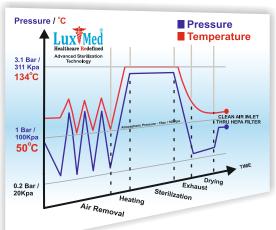
Hospital CSSD Equipment





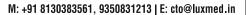


























CSSD Furnitures



LuxMed 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











Digital Ultrasonic Cleaner (Sonicator)





Digital Ultrasonic cleaning is based on the cavitation effect caused by high frequency ultrasonic wave vibration signal in the fluid. Microscopic bubbles are formed, and they implode violently causing the cavitation which create an intense scrubbing action on the surface of the item being cleaned. The bubbles are small enough to penetrate microscopic crevices, cleaning them thoroughly and consistently.

Ultrasonic cleaning is extremely effective at removing dirt and grime which would normally require tedious manual cleaning by hand. It has been used to clean a wide variety of instruments and mechanical parts such as carburetors, returning them to almost "like new" condition without damage to delicate parts.

Salient Features

- ♣ Inner Tank & Outer body made of Stainless Steel
- Digital RED LED display
- Temperature with timer function
- Ceramic heaters provides improved heating effect
- Drainage and cool fan available in 6L to 25L
- Overheat protector, Cooling fan
- Moisture-proof PCB

Digital Ultrasonic Cleaner

with

Lid, Digital Timer, Heater & Basket

- User friendly
- High-performance transducers.

	MODEL	LMUC3	LMUC6	LMUC9	LMUC12	LMUC25
	Tank Capacity (Approx.)	2.5L	5L	8L	11L	24L
	Tank Size (mm)	240x140x100	300×155×15	0 300×240x150	330×300×150	500×300×200
	Overall Size (mm)	270x170x240	330×180×31	0 330×270×310	360×330×310	550×330×360
	Ultrasonic Power	100W	150W	200W	300W	500W
(0	Heating power	100W	300W	300W	400W	500W
SPECIFICATIONS	Tank Drain	NA Drain Valve				
SATI	Time Setting	1-99 min.				
SE	Heating Temp.	0-80°C				
,PE(Display	Digital RED LED				
0)	Frequency	40kHz فِي				
	Lid Material			SS 304		without re
	Inner Tank Material	SS 304				
	Outer Tank Material	SS 304 SS 304 SS 201 AC 220V / 50 Hz 4 kg 8 kg 10 kg 13 kg 18 kg				
	Power Supply	AC 220V / 50 Hz				
	Weight (approx.)	4 kg	8 kg	10 kg	13 kg	18 kg













Automatic Sealing Machine





This continuous sealer is suitable for bags with thickness of 0.02mm-0.8mm on both sides, such as composite film, aluminum foil bag, kraft paper, plastic bag.

The conveyor belt shall not transfer more than 5KG of goods.

Equipped with thermostatic control and automatic conveyor automatic sealing, simple operation.

Suitable for light industry continuous bag sealing such as medication, food stuff, agriculture, daily use chemical, with high efficiency

The heating block and cooling block are made of pure copper, the operation panel is easy to use, the machine is not big in size easy to maintain and portable

Can seal all kind of length size, and have sealing pattern effects.











About Us

LuxMed* - Healthcare Redefined is a world-leading life science engineering and Pharmaceutical Engineering Solutions company with a diversified portfolio and sales in over 12 countries, as a manufacturer of heating cooling, sterilization and



air contamination controlling technology and machinery for Hospital, Pharmaceutical, Laboratory, Biopharma and IVF industries.

Based on more than 10 years of experience and know-how, LuxMed is known for its quality, continual innovation and attention to its customers' needs. We continue to provide reliable world-class equipment to help pharmaceutical companies make their products safer and more cost-effective.

LuxMed has the widest range of certifications making it the top-most preferred by leading MNC pharmaceutical, biotech companies, universities, research institutes, hospitals & IVF centres all across the globe. We continue to innovate to provide enabling technologies to make human lives healthier and safer, capturing the essence of true value creation.

LuxMed® is the acknowledged leader in providing the best contamination controlling technology and machinery of the highest value, offering a combination of value, high quality construction, low operating costs, great customer support and a wide product range to suit all budget.

Welcome to the world of LuxMed[®].

LuxMed®: Integrated Technology Solutions with State-of-the-Art Facilities





Embedded Software Development







Power Press Machine

CNC Press Brake





Luxlighting Technology recognised as a Startups supported under The "Centre for Augmenting WAR with COVID-19 Health Crisis (CAWACH) program" by Department of Science and Technology, DST, India https://isba.in/wp-content/uploads/2020/09/Cawach-Startups 51.pdf Sr. No. 46. Luxlighting Technology Pvt. Ltd.

Funding Support by



Centre for Augmenting WAR with COVID-19 Health Crisis (CAWACH)

An initiative by National Science & Technology Entrepreneurship Development Board (NSTEDB), "Department of Science and Technology (DST), Government of India"

Our **CORE STRENGTHS**





Detailed Engineering Capability



Knowledge of cGMP practices





Ability to understand customer requirements



Compliance with regulatory requirements



On-Time Delivery

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