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Autoclaves & Sterilizers Solution Supplier

CATALOGUE



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DSX-18L-I/DSX-24L-I/DSX-30L-I Portable Autoclaves

CAPACITY: 18L/24L/30L MAX OPERATIONAL PRESSURE: 0.142Mpa TEMP. RANGE: 50 to 126°C

DSX-18L-I/DSX-24L-I/DSX-30L-I Portable Autoclaves are the most widely used and most dependable method in industries, from pharmaceutical to food production. It is inexpensive, non-toxic, and highly effective in killing microorganisms and fungal spores. Furthermore, steam can penetrate fabrics easily. Our steam sterilizers can help you disinfect lab, medical, or dental equipment.

Operation and functions

- Easy to use
- Option for an 18, 24 and 30 liter chamber
- Powerful 2000W pipe heater
- Easy to read 4 digit LED display
- Programmable sterilizing and temperature functions
- Timer Setting Range 0 to 999 min.

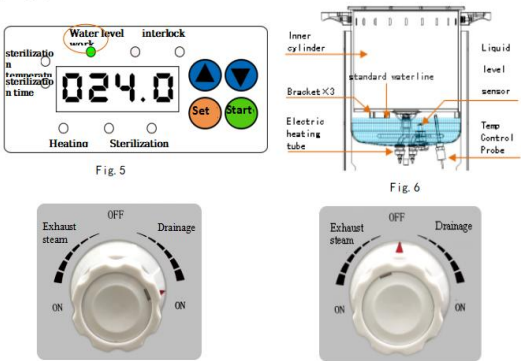
Increased Safety Features

- Lock cover linkage device
- Electric over-temperature and over-pressure protection system
- Anti-dry burning protection function
- Mechanical safety relief valve
- Leakage protection device

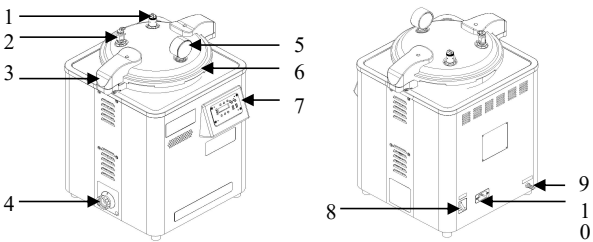
Application

- Steam Sterilizable Respiratory Therapy Equipment
- Small Medical Instruments
- Dental Instruments
- Lab research equipment

Key Features



Structure Diagram



1. Safety valve	2. Steam release valve
3. Handles (up and down)	4. Steam exhaust (water) valve
5. Pressure gauge	6. Upper lid
7. Operation panel	8. Power switch
9. Exhaust steam (water) interface	10. Power interface

Specifications

Model	DSX-18L-I	DSX-24L-I	DSX-30L-I
System	Automatic high pressure steam sterilizer		
Type	Portable		
Capacity	18L	24L	30L
Internal dimensions	Ø 269×H260mm	Ø 280 x H390 mm	Ø 269×H420mm
External dimensions	440*445*629mm	440*484*815mm	440*484*815mm
Temp. setting range	50 to 126°C		
Max. operational pressure	0.142MPa (at 126°C)		
Interior Material	Stainless steel SUS 304		
Heater	2000W SUS heating pipe		
Drain valve	Glove valve		
Temp. controller	PID control by microprocessor		
Temp. setting method	Digital setting by ▲▼ keys		
Temp display method	Digital display by green LED		
Timer	0 min. to 999 min.		
Safety Device	Water level detection (liquid expansion method), safety valve (0.165MPa), safety interlocking interactive device, spring full lift safety valve.		
Chamber thickness(mm)	2		
Exhaust mode	External discharging		
Opening way	Shift type of quickopen		
Power supply	220V, 50/60Hz		
Working environment	5-45°C, relative humidity 10%-85%		
Packing size	510*510*720mm	540*500*900 mm	540×500×900mm
N.W./G.W.	21kg / 23kg	27kg / 29kg	29kg / 31kg
Certificates	ISO9001, CE, ISO13485		

LDZF-30L/LDZF-30L-I/LDZF-50L/LDZF-50L-I/LDZF-75L/LDZF-75L-I Vertical Autoclaves

CAPACITY: 30L/50L/75L MAX OPERATIONAL PRESSURE: 0.217Mpa TEMP. RANGE: 50 to 134°C

The LDZF-30L/LDZF-30L-I/LDZF-50L/LDZF-50L-I/LDZF-75L/LDZF-75L-I vertical high pressure steam sterilizer (hereinafter referred to as sterilizer) is a non-medical device product, which is only suitable for scientific research institutions, chemical and other units. This product can be used for sterilization of high temperature resistant medium.

Basic structure

- The shell case is made of high temperature thermoplastic material with outstanding impact resistance and stainless steel.
- The pot body of sterilizer is made of food grade stainless steel (304).
- The lid opening and closing device adopts the lever type multi-link synchronous telescopic structure, which makes the lid and pot body open and close flexible and light, safe and reliable.

Control and operation

- The console uses the LCD window graphic dynamic display, the function settings are all selected by scrolling graphic and text, the whole sterilization phase is monitored by micro-computer graphic display and automatic cycle control, and the automatic shutdown is initiated when sterilization phase ends (with an alarm).

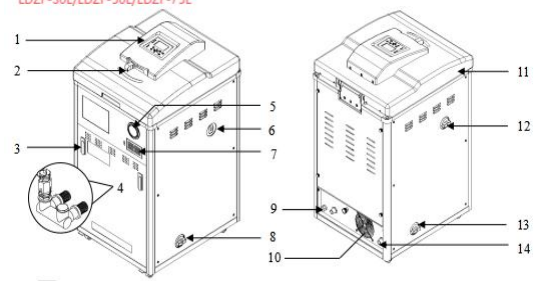
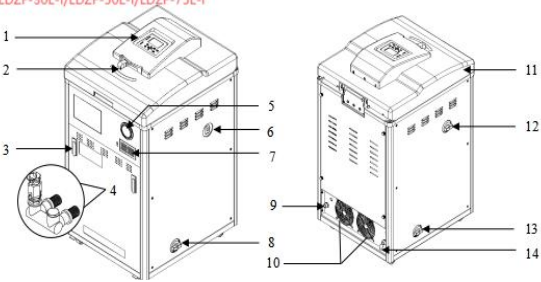
Function description

- It has a one-button sterilization function selection, which can make a quick and clear choice based on different items.
- With air-cooled chilling device to ensure that the pot body is quickly cooled at the end of sterilization, thus reducing the time to the lid.
- Automatic fault detection and judgment system is in place.
- The full-automatic control model has the function of discharging the low temperature air and steam internal exhaust and exhaust steam when sterilization procedure ends.

Safety devices

- Adopt the safety interlock structure of electrical and mechanical interaction to ensure that the interlock device locks the lid handle when there is pressure in the pot to avoid opening the lid when there is pressure in the pot.
- Double protection system with the mechanical safety relief valve and electronically controlled overvoltage protective device.
- It has heater anti-drying protection function and leakage protection system.

Structure Diagram

<div>LDZF-30L/LDZF-50L/LDZF-75L</div> 	1. Control Panel	2. Door Switch Handle
	3. Door Handle	4. Safety Valve
	5. Pressure gauge	6. Power switch
	7. Thermovent	8. Manual Vent Valve
	9. Air-vent	10. Rapid Cooling Fan
<div>LDZF-30L-I/LDZF-50L-I/LDZF-75L-I</div> 	11. Upper Lid	12. Water Valve
	13. Drain Valve	14. Drainage Outlet
	Note: LDZF-30L/LDZF-50L/LDZF-75L External discharge, LDZF-30L-I/LDZF-50L-I/LDZF-75L-I Internal discharge	

Specifications

Model	LDZF-30L	LDZF-30L-I	LDZF-50L	LDZF-50L-I	LDZF-75L	LDZF-75L-I
Configuration	Semi-Auto	Full-Auto	Semi-Auto	Full-Auto	Semi-Auto	Full-Auto
Type	Vertical					
Capacity	30L		50L		75L	
Internal dimensions	Ø 350×400mm		Ø 350×550mm		Ø 350×700mm	
Basket size	330×190mm		335×360		330×190mm, 330×360mm	
Temp. setting range	50~134℃					
Max. operational pressure	0.217MPa (at 134℃)					
Interior Material	Stainless steel SUS 304					
Heater	3500W SUS heating pipe					
Temp. controller	PID control by microprocessor					
Temp. setting method	Digital setting by ▲▼ keys					
Temp display method	Digital display by green LED					
Timer	0 min. to 999 min.					
Safety Device	Water level detection (liquid expansion method), safety valve, safety interlocking interactive device, spring full lift safety valve.					
Chamber thickness(mm)	2					
Exhaust mode	External discharge	Internal discharge	External discharge	Internal discharge	External discharge	Internal discharge
Opening way	Up and down					
Power supply	220V, 50/60Hz					
Working environment	5-45℃, relative humidity 10%-85%					
Product size	550×620×1070mm		550×620×1070mm		550×620×1190mm	
Packing size	790×670×1160mm		790×670×1160 mm		790×670×1320mm	
G.W.	92kg	96kg	96kg	100kg	106kg	109kg
Optional	Printer fuction, USB interface					
Certificates	ISO9001, CE, ISO13485					

LDZM-40L/LDZM-40L-I/LDZM-60L/LDZM-60L-I/LDZM-80L/LDZM-80L-I Vertical Autoclaves

CAPACITY: 40L/60L/80L MAX OPERATIONAL PRESSURE: 0.217Mpa TEMP. RANGE: 50 to 134°C

LDZM-40L/LDZM-40L-I/LDZM-60L/LDZM-60L-I/LDZM-80L/LDZM-80L-I vertical high pressure steam sterilizer (hereinafter referred to as sterilizer) is a non-medical device product, which is only suitable for scientific research institutions, chemical and other units. This product can be used for sterilization of high temperature resistant medium.

Basic structure

- The shell case is made of high temperature thermoplastic material with outstanding impact resistance and stainless steel.
- The pot body of sterilizer is made of food grade stainless steel (304).
- The lid opening and closing device adopts the lever type multi-link synchronous telescopic structure, which makes the lid and pot body open and close flexible and light, safe and reliable.

Control and operation

- The console uses the LCD window graphic dynamic display, the function settings are all selected by scrolling graphic and text, the whole sterilization phase is monitored by micro-computer graphic display and automatic cycle control, and the automatic shutdown is initiated when sterilization phase ends (with an alarm).



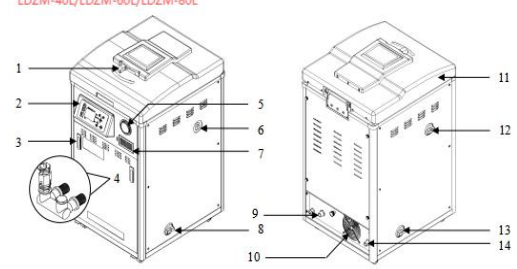
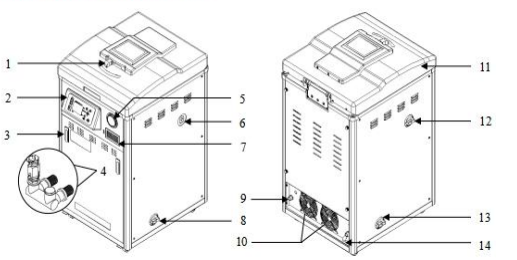
Function description

- It has a one-button sterilization function selection, which can make a quick and clear choice based on different items.
- With air-cooled chilling device to ensure that the pot body is quickly cooled at the end of sterilization, thus reducing the time to the lid.
- Automatic fault detection and judgment system is in place.
- The full-automatic control model has the function of discharging the low temperature air and steam internal exhaust and exhaust steam when sterilization procedure ends.

Safety devices

- Adopt the safety interlock structure of electrical and mechanical interaction to ensure that the interlock device locks the lid handle when there is pressure in the pot to avoid opening the lid when there is pressure in the pot.
- Double protection system with the mechanical safety relief valve and electronically controlled overvoltage protective device.
- It has heater anti-drying protection function and leakage protection system.

Structure Diagram

	1. Door Switch Handle	2. Control Panel
	3. Door Handle	4. Safety Valve
	5. Pressure gauge	6. Power switch
	7. Thermovent	8. Manual Vent Valve
	9. Air-vent	10. Rapid Cooling Fan
	11. Upper Lid	12. Water Valve
	13. Drain Valve	14. Drainage Outlet
	Note: LDZM-40L/LDZM-60L/LDZM-80L External discharge, LDZM-40L-I/LDZM-60L-I/LDZM-80L-I Internal discharge	

Specifications

Model	LDZM-40L	LDZM-40L-I	LDZM-60L	LDZM-60L-I	LDZM-80L	LDZM-80L-I
Configuration	Semi-Auto	Full-Auto	Semi-Auto	Full-Auto	Semi-Auto	Full-Auto
Type	Vertical					
Capacity	40L		60L		80L	
Internal dimensions	Ø 350×400mm		Ø 350×550mm		Ø 350×700mm	
Basket size	330×190mm		335×360		330×190mm, 330×360mm	
Temp. setting range	50~134℃					
Max. operational pressure	0.217MPa (at 134℃)					
Interior Material	Stainless steel SUS 304					
Heater	3500W SUS heating pipe					
Temp. controller	PID control by microprocessor					
Temp. setting method	Digital setting by ▲▼ keys					
Temp display method	Digital display by green LED					
Timer	0 min. to 999 min.					
Safety Device	Water level detection (liquid expansion method), safety valve, safety interlocking interactive device, spring full lift safety valve.					
Chamber thickness(mm)	2					
Exhaust mode	External discharge	Internal discharge	External discharge	Internal discharge	External discharge	Internal discharge
Opening way	Up and down					
Power supply	220V, 50/60Hz					
Working environment	5-45℃, relative humidity 10%-85%					
Product size	570×690×1020mm		570×690×1020mm		570×690×1170mm	
Packing size	790×670×1160mm		790×670×1160 mm		790×670×1320mm	
G.W.	92kg	95kg	98kg	100kg	106kg	111kg
Optional	Printer fuction, USB interface					
Certificates	ISO9001, CE, ISO13485					

LDZX-30L/LDZX-30L-I/LDZX-50L/LDZX-50L-I/LDZX-75L/LDZX-75L-I Vertical Autoclaves

CAPACITY: 30L/50L/75L MAX OPERATIONAL PRESSURE: 0.142MPa TEMP. RANGE: 50°C~126°C

The LDZX-30L/LDZX-30L-I/LDZX-50L/LDZX-50L-I/LDZX-75L/LDZX-75L-I vertical high pressure steam sterilizer (hereinafter referred to as sterilizer) is a non-medical device product, which is only suitable for scientific research institutions, chemical and other units. This product can be used for sterilization of high temperature resistant medium.

Basic structure

- The shell case is made of high temperature thermoplastic material with outstanding impact resistance and stainless steel.
- The pot body of sterilizer is made of food grade stainless steel (304).
- Hand-wheel type rotary sealing structure is adopted to make it easy to use, safe and

Control and operation

- The console uses the LCD window graphic dynamic display, the function settings are all selected by scrolling graphic and text, the whole sterilization phase is monitored by micro-computer graphic display and automatic cycle control, and the automatic shutdown is initiated when sterilization phase ends (with an alarm).



Function description

- 1. It has a one-button sterilization function selection, which can make a quick and clear choice based on different items.
- With air-cooled chilling device to ensure that the pot body is quickly cooled at the end of sterilization, thus reducing the time to the lid.
- It has the function of preheating and melting of sterilized items and has time and temperature selection for the items to be dissolved.
- Automatic fault detection and judgment system is in place.
- The full-automatic control model has the function of discharging the low temperature air and steam internal exhaust and exhausting steam when sterilization procedure ends.
- Add print function, print the current temperature and sterilization time.

Safety devices

- Adopt the safety interlock structure of electrical and mechanical interaction to ensure that the interlock device locks the lid handle when there is pressure in the pot to avoid opening the lid when there is pressure in the pot.
- Double protection system with the mechanical safety relief valve and electronically controlled overvoltage protective device.
- It has heater anti-drying protection function and leakage protection system.

Structure Diagram

<p>LDZX-30L/LDZX-50L/LDZX-75L</p>	1. Hand Wheel	2. Filler
	3. Water Valve	4. Door Handle
	5. Drain Valve	6. Pressure Gauge
	7. Control Panel	8. Safety Valve
	9. Vent Valve	10. Air-vent
<p>LDZX-30L-I/LDZX-50L-I/LDZX-75L-I</p>	11. Upper Lid	12. Power switch
	13. Drainage Outlet	14. Rapid Cooling Fan
	15. Power Line	
Note: LDZX-30L/LDZX-50L/LDZX-75L External discharge, LDZX-30L-I/LDZX-50L-I/LDZX-75L-I Internal discharge		

Specifications

Model	LDZX-30L	LDZX-30L-I	LDZX-50L	LDZX-50L-I	LDZX-75L	LDZX-75L-I
Configuration	Semi-Auto	Full-Auto	Semi-Auto	Full-Auto	Semi-Auto	Full-Auto
Type	Vertical					
Capacity	30L		50L		75L	
Internal dimensions	Ø 350×400mm		Ø 350×550mm		Ø 350×700mm	
Basket size	330×190mm		335×360		330×190mm, 330×360mm	
Temp. setting range	50°C~126°C					
Max. operational pressure	0.142MPa (at 126°C)					
Interior Material	Stainless steel SUS 304					
Heater	3500W SUS heating pipe					
Temp. controller	PID control by microprocessor					
Temp. setting method	Digital setting by ▲▼ keys					
Temp display method	Digital display by green LED					
Timer	0 min. to 999 min.					
Safety Device	Water level detection (liquid expansion method), safety valve, safety interlocking interactive device, spring full lift safety valve.					
Chamber thickness(mm)	2					
Exhaust mode	External discharge	Internal discharge	External discharge	Internal discharge	External discharge	Internal discharge
Opening way	Shift type of quick open					
Power supply	220V, 50/60Hz					
Working environment	5-45°C, relative humidity 10%-85%					
Product size	670×580×1230mm		670×580×1230mm		670×580×1410mm	
Packing size	810×670×1260mm		810×670×1260mm		810×670×1410mm	
G.W.	95kg	97kg	99kg	101kg	108kg	112kg
Optional	Printer fuction, USB interface					
Certificates	ISO9001, CE, ISO13485					

LDZH-100L/LDZH-150L/LDZH-200L Vertical Autoclaves


CAPACITY: 100L/150L/200L MAX OPERATIONAL PRESSURE: 0.217MPa TEMP. RANGE: 50°C~134°C

The LDZH-100L/LDZH-150L/LDZH-200L vertical pressure steam sterilizer (Hereinafter referred to as sterilizer) applies pressurized saturated steam. By using the principle of gravity displacement, it makes the steam move from top to bottom inside the sterilizer, and it discharges the cold air from the lower discharge hole. The cold air discharged will be replaced by the saturated steam, and the latent heat released by the steam can be used to sterilize the articles. The sterilizer can be used by medical institutions for sterilization purposes of medical apparatus and instruments which can resist pressure and high temperature steam.

Product Features

- **Intelligent microcomputer control system**
Using LED digital control system; After sterilization finished, sterilizer will automatic alarm and shut down
- **Electric interlock device**
The control system can real time supervision the sterilizer chamber's temperature and pressure. Only under the safety temperature and pressure can open the sterilizer's cover. Make sure the
- **The structure of cover's opening**
Using hand wheel rotary type cover to improve sealing and safety performance.
- **Preset program**
Can preset fixed program that sterilize.
- **Memory storage system**
Store the last operation program so convenient next operation.
- **Interface check**
Provide temperature and pressure check interface; convenient to check multiple position temperature measurement.
- **Digital display screen**
Digital display screen and working indicator light display running state.
- **Safety devices**
It can be equipped with additional USB function interface, which is convenient to connect the sterilization process and data collection.

Structure Diagram

	1. Hand Wheel	2. Lid
	3. Pan	4. Safety valve, steam release valve
	5. Master vent and drain valve(manually operated)	6. Pressure Gauge
	7. Control Panel	8. Castor wheel
	9. Transfer switch	

Specifications

Model	LDZH-100L	LDZH-150L	LDZH-200L
Configuration	Semi-Auto	Semi-Auto	Semi-Auto
Type	Vertical		
Capacity	100L	150L	200L
Internal dimensions	Ø 500×550mm	Ø 500×760mm	Ø 500×1000mm
Basket size	470×230(×2)	470×230(×3)	470×230(×4)
External dimensions	630×700×1200mm	630×700×1400mm	630×700×1600mm
Temp. setting range	50~134°C		
Max. operational pressure	0.217MPaMPa (at 134°C)		
Interior Material	Stainless steel SUS 304		
Heater	6000W SUS heating pipe		
Temp. controller	PID control by microprocessor		
Temp. setting method	Digital setting by ▲▼ keys		
Temp display method	Digital display by green LED		
Timer	0 min. to 999 min.		
Safety Device	Water level detection (liquid expansion method), safety valve, safety interlocking interactive device, spring full lift safety valve.		
Chamber thickness(mm)	3		
Exhaust mode	External discharge		
Opening way	Shift type of quick open		
Power supply	380V, 50/60Hz		
Working environment	5-45°C, relative humidity 10%-85%		
Packing size	760×850×1340mm	760×850×1530mm	760×850×1720mm
G.W.	188kg	213kg	238kg
Optional	Printer fuction, USB interface		
Certificates	ISO9001, CE, ISO13485		

WDZX-200L/WDZX-300L Horizontal Autoclave

CAPACITY: 200L/300L MAX OPERATIONAL PRESSURE: 0.217MPa TEMP. RANGE: 50°C~134°C

The WDZX-200L/WDZX-300L horizontal steam sterilizer (hereinafter referred to as the sterilizer), applied pressure saturated steam to sterilize. The principle is to use gravity displacement, make the steam from top and bottom in the sterilizer, the cold air discharges from the bottom hole, the cold air replaced by saturated steam, using the released latent heat of steam to make items sterilized.

Product Features

- **Intelligent microcomputer control system**
Using LED digital control system; After sterilization finished, sterilizer will automatic alarm and shut down
- **Interlock device**
The control system can real time supervision the sterilizer chamber's temperature and pressure. Only under the safety temperature and pressure can open the sterilizer's cover. Make sure the
- **The structure of cover's opening**
Using 8 rotary extendable stick to improve sealing and safety performance.
- **Preset program**
Can preset fixed program that sterilize solid body.
- **Memory storage system**
Store the last operation pro-gram so convenient next operation.
- **Feed water control**
Automatic water intake and water refill function.
- **Exhaust steam control**
After sterilization, exhaust steam valve should be opened (Digital display screen reminds exhaust steam) when sterilization time run out.
- **Interface check**
Provide temperature and pressure check interface, convenient to check multiple position temperature measurement.
- **Digital display screen**
Digital display screen and working indicator light display running state.
- **Safety devices**
Adopt the safety interlock structure of electrical and mechanical interaction to ensure that the interlock device locks the lid handle when there is pressure in the pot to avoid opening the lid when there is pressure in the pot.



Structure Diagram

	1. Evaporator power indicator	2. Evaporator working indicator	3. LCD display	4. Power-control switch
	5. Hinge	6. Door lock handle	7. Casters	8. Evaporator pressure gauge
	9. Sterilizer pressure gauge	10. Door handle	11. Sterilization chamber door	12. Manual exhaust valve
	13. Water level observation window	14. Power wire	15. Water inlet	16. Condenser drain
	17. Steam outlet	18. Safety valve (in the case)	19. Manual pressure relief valve	20. Water outlet valve

Specifications

Model	WDZX-200L	WDZX-300L	/
Configuration	Semi-Auto	Semi-Auto	/
Type	Horizontal		/
Capacity	200L	300L	/
Internal dimensions	Ø 500×1120mm	Ø 600×1240mm	/
Basket size	480×440×480×250×190	500×540×500×300×230	/
Temp. setting range	50~134°C		/
Max. operational pressure	0.217MPaMPa (at 134°C)		/
Interior Material	Stainless steel SUS 304		/
Heater	9000W SUS heating pipe	10500W SUS heating pipe	/
Temp. controller	PID control by microprocessor		/
Temp. setting method	Digital setting by ▲▼ keys		/
Temp display method	Digital display by green LED		/
Timer	0 min. to 999 min.		/
Safety Device	Water level detection (liquid expansion method), safety valve, safety interlocking interactive device, spring full lift safety valve.		/
Chamber thickness(mm)	3		/
Exhaust mode	External discharge		/
Opening way	Front open		/
Power supply	380V, 50/60Hz		/
Working environment	5-45°C, relative humidity 10%-85%		/
Product size	1550×720×1640mm	1550×820×1740mm	/
Packing size	1640×830×1800mm	1640×930×1900mm	/
G.W.	300kg	335kg	/
Optional	Printer fuction, USB interface		/
Certificates	ISO9001, CE, ISO13485		/



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