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Sterilization Autoclave Catalog

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KINTEK SOLUTION

COMPANY PROFILE

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Kintek Solution Ltd is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vacuum creating, refrigerating, as well as pharmaceutical and petroleum extracting equipment.

In the past 20 years, we earned rich experiences in this researching equipment field, we are capable to supply both the equipment and solution according to customer's needs and realities, we have also developed lots of customer tailored equipment according to a specific working purpose, and we have lots of successful projects in many universities and institutes from different countries, like Asia, Europe, North and South America, Australia and New Zealand, Middle East, and Africa.

Profession, quick response, hard working, and sincerity is a remarkable label of our team members working attitude, which earn us a sound reputation among our clients.

We are here and ready to service our clients from different countries and regions, and share the most efficient and reliable technology together!



Portable Autoclave Sterilization Pressure

Item Number: KT-P02



Introduction

Portable autoclave sterilization pressure is a device that uses pressure saturated steam to quickly and effectively sterilize items.

[Learn More](#)

Model	Three-valve reinforced			KTM-B Automatic & KTM-C Automatic			
Product number	KTM-12B	KTM-18B	KTM-24B	KMT-8B/C	KMT-12B/C	KMT-18B/C	KMT-24B/C
Volume	12L	18L	24L	8L	12L	18L	24L
Frequency	50±1			50			
Power	2±10%KW			2KW			
input power	AC(220±22)V			220V			
Rated operating temperature	126°C						
Fixed work stress	0.142Mpa						
Net weight	12Kg	13.5Kg	14.7Kg	9Kg	10.5Kg	12Kg	14Kg

Model	KTM-8A	KTM-18A	KTM-24A
Input power	220V/50HZ		
Power	1KW	2KW	2KW
Display method	Pressure gauge		
Volume	8L	18L	24L
Maximum working temperature	126~128°C		
Fixed work stress	0.145~0.165Mpa		
Inner barrel thickness	0.52mm		
Heating method	Coal and electricity		
Sterilization chamber size	φ240×120mm	φ280×235mm	φ280×340mm

Model	KMT-18B	KMT-24B	KMT-18C	KMT-24C
Input power	220V/50HZ			
Power	2KW			
Display method	Pressure gauge		Pressure gauge/digital display	
Volume	18L	24L	18L	24L
Maximum working temperature	126~128°C			

Fixed work stress	0.145~0.165Mpa			
Inner barrel thickness	0.52mm			
Heating method	Electric heating			
Sterilization chamber size	φ280×235mm	φ280×340mm	φ280×235mm	φ280×340mm

Horizontal Autoclave Steam Sterilizer

Item Number: KT-P01



Introduction

The horizontal autoclave steam sterilizer adopts the gravity displacement method to remove the cold air in the inner chamber, so that the inner steam and cold air content is less, and the sterilization is more reliable.

[Learn More](#)

Model	KT-150YDA	KT-200YDA	KT-280YDA	KT-400YDA	KT-500YDA
Sterilization chamber volume	150L φ440×1000	200L φ515×1000	280L φ600×1000	400L φ700×1100	500L φ700×1300mm
Fixed work stress	0.22Mpa				
Rated working temperature	134°C				
Sterilization temperature selection	40°C-134°C				
Timing time selection range	0-60min				
Heat uniformity of sterilization room	≤±2°C				
Power/supply voltage	9kw/380V 50Hz	9kw/380V 50Hz	12kw/380V 50Hz	18kw/380V 50Hz	18kw/380V 50Hz
Dimensions (mm)	1400×600×1300	1400×670×1650	1400×770×1780	1430×880×1830	1800×900×1820
Transport size (mm)	1560×750×1850	1560×820×1850	1680×920×2100	1600×1050×2100	1850×1050×2100
Gross weight/net weight	320/240kg	350/260kg	465/365Kg	530/420Kg	580/470Kg

Vertical Pressure Steam Sterilizer (Special For Laboratory Department)

Item Number: KT-P03



Introduction

Vertical pressure steam sterilizer is a kind of sterilization equipment with automatic control, which is composed of heating system, microcomputer control system and overheating and overpressure protection system.

[Learn More](#)

Model	KT-35HG	KT-50HG	KT-75HG	KT-100HG
Sterilization chamber volume	35L ϕ 318×450mm	50L ϕ 340×550mm	75L ϕ 400×600mm	100L ϕ 440×650mm
Fixed work stress	0.22Mpa			
Rated working temperature	134°C			
Work Pressure	0.23Mpa			
Thermal Uniformity	$\leq \pm 1^\circ\text{C}$			
Timing Selection Range	0-99min/0-99hour59min			
Temperature Selection Range	0-134°C			
Power/supply voltage	2.5KW/AC220V 50HZ	3KW/AC220V 50HZ	4.5KW/AC220V 50HZ	
Dimensions (mm)	600×410×1030	650×410×1140	690×470×1140	730×510×1270
Transport Volume (mm)	730×500×1170	730×500×1290	760×550×1290	820×600×1380
Gross weight/net weight	96Kg/77Kg	102Kg/83Kg	120Kg/98Kg	135Kg/110Kg

Uv Lamp Trolley

Item Number: KT-P05



Introduction

The UV lamp trolley is made of cold-rolled plate sprayed with plastic, and adopts a double-lamp structure; it is movable, foldable, and equipped with universal wheels, which is very convenient to use.

[Learn More](#)

Model	KT-C-I	KT-B-I	KT-C-II	KT-B-II
Voltage	AC220V 50Hz			
Input power	70VA		130VA	
Number of tubes	2x30W		4x30W	
Timing range	0-120min			
UV wavelength	253.7nm			
Irradiation intensity	$\geq 90\mu\text{ w/cm}^2$			
Lamp arm adjustment angle	90°~120°~150°			
Outer packing size (mm)	1160x410x370			
Weight	18kg		24kg	

Herbal Powder Sterilization Autoclave Machine For Chinese Medicine

Item Number: KT-Q01



Introduction

The herbal powder sterilization autoclave machine for Chinese medicine uses saturated steam for effective sterilization. It utilizes the heat and penetrative properties of steam, achieves sterilization after heat preservation, and maintains a good drying effect with a dedicated drying system.

[Learn More](#)

Specifications	Dimensions	Chamber size	steam consumption	Number of sterilization trays	electricity	Equipment net weight
KT-G0.25JS(F)	1100*1350*1900	800*600*600	18KG	18	2+(24)	900KG
KT-G0.36JS(F)	1300*1350*1900	1000*600*600	25KG	18	2+(24)	1000KG
KT-G0.6JS(F)	1550*1400*1900	1250*610*910	30KG	26	3+(36)	1400KG
KT-G0.8JS(F)	1750*1400*1900	1450*610*910	40KG	26	3+(36)	1600KG
KT-G1.0JS	1550*1550*1900	1250*680*1180	45KG	36	3KW	1700KG
KT-G1.2JS	1750*1500*1900	1450*680*1180	50KG	36	4KW	1800KG
KT-G1.5JS	2150*1500*1900	1850*680*1180	60KG	72	4KW	2000KG
KT-G2.0JS	1950*1500*1900	1600*900*1400	65KG	88	4.5KW	2500KG
KT-G2.5JS	2350*1500*1900	2000*900*1400	75KG	88	6KW	3000KG
KT-G3.0JS	2750*1500*1900	2400*900*1400	90KG	88	8KW	3500KG

Specifications	Dimensions	Chamber size	steam consumption	Number of sterilization trays	electricity	Equipment net weight
KT-G0.25JS(F)	1100*1350*1900	800*600*600	25KG	12	1.2+(24)	700KG
KT-G0.36JS(F)	1300*1350*1900	1000*600*600	35KG	12	1.2+(24)	800KG
KT-G0.6JS(F)	1550*1400*1900	1250*610*910	40KG	36	2.0+(36)	1200KG
KT-G0.8JS(F)	1750*1400*1900	1450*610*910	50KG	36	2.0+(36)	1400KG
KT-G1.0JS	1550*1500*1900	1250*680*1180	60KG	48	2.5KW	1550KG
KT-G1.2JS	1750*1500*1900	1450*680*1180	70KG	72	2.5KW	1650KG
KT-G1.5JS	2150*1500*1900	1850*680*1180	80KG	96	3.5KW	1800KG
KT-G2.0JS	1950*1850*2200	1600*900*1400	100KG	60	4.5KW	2200KG
KT-G2.5JS	2350*1850*2200	2000*900*1400	120KG	120	4.5KW	2600KG
KT-G3.0JS	2750*1850*2200	2000*900*1400	140KG	120	6KW	3000KG

Specifications	Dimensions	Chamber size	steam consumption	ozone depletion	Number of sterilization trays	electricity	Equipment net weight
KT-G0.25J(S)(F)	1100*1350*1900	800*600*600	25KG	4	12	2+(24)	980KG
KT-G0.36J(S)(F)	1300*1350*1900	1000*600*600	35KG	4	12	2+(24)	1080KG
KT-G0.6J(S)(F)	1550*1400*1900	1250*610*910	40KG	7	36	3+(36)	1500KG
KT-G0.8J(S)(F)	1750*1400*1900	1450*610*910	50KG	9	36	3+(36)	1700KG
KT-G1.0J(S)	1550*1500*1900	1250*680*1180	60KG	11	48	3KW	1800KG
KT-G1.2J(S)	1750*1500*1900	1450*680*1180	70KG	13	72	4KW	1900KG
KT-G1.5J(S)	2150*1500*1900	1850*680*1180	80KG	16	96	4KW	2100KG
KT-G2.0J(S)	1950*1850*2200	1600*900*1400	100KG	20	60	4.5KW	2600KG
KT-G2.5J(S)	2350*1850*2200	2000*900*1400	120KG	25	120	6KW	3100KG
KT-G3.0J(S)	2750*1850*2200	2400*900*1400	140KG	30	120	8KW	3600KG

Pulse Vacuum Lifting Sterilizer

Item Number: KT-Q02



Introduction

The pulse vacuum lifting sterilizer is a state-of-the-art equipment for efficient and precise sterilization. It uses pulsating vacuum technology, customizable cycles, and a user-friendly design for easy operation and safety.

[Learn More](#)

Model	KT-60SV	KT-80SV	KT-100SV	KT-120SV
Effective volume of sterilization chamber	60L ϕ 396×490mm	80L ϕ 396×650mm	100L 504×404×502mm	120L 504×404×590mm
Height after lifting	1310	1590	1475	1565
Work pressure	0.22Mpa			
Operating temperature	134°C			
Thermal uniformity	$\leq \pm 1^\circ\text{C}$			
Timing selection range	0-99min			
Temperature selection range	105-134°C			
Power/supply voltage	Steam generator power: 3KW Drying belt power: 2.4KW/AC220V 50HZ		Steam generator power: 3.6KW Drying belt power: 2.4KW/AC220V 50HZ	
Dimensions (mm)	686×556×913	686×556×1035	840×600×970	840×600×1060
Transport volume (mm)	789×656×1013	786×656×1135	940×610×1000	940×610×1075
Gross weight/net weight	210Kg/180Kg	230Kg/200Kg	300Kg/270Kg	325Kg/295Kg

Pulsating Vacuum Desktop Steam Sterilizer

Item Number: KT-B01



Introduction

The pulsating vacuum desktop steam sterilizer is a compact and reliable device used for rapid sterilization of medical, pharmaceutical, and research items.

[Learn More](#)

Model	KT-XD12DV	KT-XD20DV	KT-XD24DV
Sterilization chamber volume	12L φ200×370mm	18L φ250×360mm	24L φ250×470mm
Fixed work stress	0.22Mpa		
Rated working temperature	134°C		
Sterilization temperature selection	105-134°C		
Timing time selection range	0-99min		
Heat uniformity of sterilization room	≤±1°C		
Power/supply voltage	AC220V.50Hz/1.8KW	AC220V.50Hz/2KW	AC220V.50Hz/2KW
Overall dimensions (mm)	560×470×400	560×470×400	675×470×400
Packing size (mm)	655×560×495	655×560×495	765×560×495
Gross weight/net weight	48/43Kg	52/47Kg	58/53Kg

Model	KT-35DV	KT-50DV
Sterilization chamber volume	35L φ300×500mm	50L φ340×550mm
Fixed work stress	0.22Mpa	
Rated working temperature	134°C	
Sterilization temperature selection	105-134°C	
Timing time selection range	0-99min	
Heat uniformity of sterilization room	≤±1°C	
Power/supply voltage	AC220V.50Hz/2.7KW	
Overall dimensions (mm)	550×850×500	600×850×560
Packing size (mm)	690×860×700	690×900×700
Gross weight/net weight	113/107Kg	125/110Kg

Desktop Fast Autoclave Sterilizer 16L / 24L

Item Number: KT-B02



Introduction

The desktop fast steam sterilizer is a compact and reliable device used for rapid sterilization of medical, pharmaceutical, and research items.

[Learn More](#)

Model	KT-T16J	KT-T24J
Sterilization chamber volume	16L φ250×360mm	24L φ270×410mm
Fixed work stress	0.22Mpa	
Rated working temperature	134°C	
Sterilization temperature selection	105-134°C	
Timing time selection range	0-99min	
Heat uniformity of sterilization room	≤±1°C	
Power/supply voltage	AC220V.50Hz/2.7KW	
Overall dimensions (mm)	545×328×423	560×350×500
Packing size (mm)	605×390×480	620×410×570
Gross weight/net weight	17/15Kg	20/18Kg

Desktop Fast Autoclave Sterilizer 20L / 24L

Item Number: KT-B03



Introduction

The desktop fast steam sterilizer is a compact and reliable device used for rapid sterilization of medical, pharmaceutical, and research items.

[Learn More](#)

Model	KT-XD20D	KT-XD24D
Sterilization chamber volume	20L φ250×420mm	24L φ250×520mm
Fixed work stress	0.22Mpa	
Rated working temperature	134°C	
Sterilization temperature selection	105-134°C	
Timing time selection range	0-99min	
Heat uniformity of sterilization room	≤±1°C	
Power/supply voltage	1.5KW/AC220V.50Hz	
Sterilization tray (mm)	340×200×30(3piece)	400×200×30(3piece)
Overall dimensions (mm)	480×680×455	480×680×455
Packing size (mm)	580×700×500	580×800×560
Gross weight/net weight	43/40Kg	43/40Kg

Desktop Fast Autoclave Sterilizer 35L / 50L / 90L

Item Number: KT-B04



Introduction

The desktop fast steam sterilizer is a compact and reliable device used for rapid sterilization of medical, pharmaceutical, and research items. It efficiently sterilizes surgical instruments, glassware, medicines, and resistant materials, making it suitable for various applications.

[Learn More](#)

Model	KT-XD35DV	KT-XD50DV	KT-XD90DV
Sterilization chamber volume	35L ϕ 300×500mm	50L ϕ 340×550mm	90L ϕ 400×720mm
Fixed work stress	0.22Mpa		
Rated working temperature	134°C		
Sterilization temperature selection	105-134°C		
Timing time selection range	0-99min		
Heat uniformity of sterilization room	$\leq \pm 1^\circ\text{C}$		
Power/supply voltage	AC220V 50Hz/2.7KW		AC220V 50Hz/4KW
Overall dimensions (mm)	730×550×510	770×600×540	1000×690×610
Packing size (mm)	810×680×650	880×730×700	1070×740×700
Gross weight/net weight	115/93Kg	130/106Kg	200/180Kg

Wall Mounted Water Distillation Unit

Item Number: KT-C01



Introduction

The wall mounted water distillation unit can be installed on the wall and is designed to produce high-quality distilled water continuously, automatically and efficiently at low economic cost.

[Learn More](#)

Model	KT-3.5~4.5L/h
Power supply	AC220V~240V/50Hz -60Hz
Water output	3.5-4.5L/h
Power	1.5Kw x2
Net weight	7kg/set
Gross weight	8kg/set
Box size	740x400x140mm/set
Evaporator volume	5.5liter
PH value	5-6

Hydrogen Peroxide Space Sterilizer

Item Number: KT-C02



Introduction

A hydrogen peroxide space sterilizer is a device that uses vaporized hydrogen peroxide to decontaminate enclosed spaces. It kills microorganisms by damaging their cellular components and genetic material.

[Learn More](#)

Voltage	AC 220V50HZ
Power	600W
Volume of spray	750ml/60min
Noisy	≤ 45db (A)
Germicide	8%H2O2 solution
Dimension (mm)(L* W * H)	500X500X1130
N.W	55KG

Vertical Pressure Steam Sterilizer (Liquid Crystal Display Automatic Type)

Item Number: KT-C04



Introduction

Liquid crystal display automatic vertical sterilizer is a safe, reliable and automatic control sterilization equipment, which is composed of heating system, microcomputer control system and overheating and overvoltage protection system.

[Learn More](#)

Model	KT-35HD	KT-50HD	KT-75HD	KT-100HD
Sterilization chamber volume	35L φ318×450mm	50L φ340×550mm	75L φ400×600mm	100L φ440×650mm
Fixed work stress	0.22Mpa			
Rated working temperature	134°C			
Work Pressure	0.25Mpa			
Thermal Uniformity	≤±1°C			
Timing Selection Range	0-99min/0-99hour59min			
Temperature Selection Range	1-134°C			
Power/supply voltage	1 X 2.5KW/AC220V 50HZ	2 X 2.5KW/AC220V 50HZ	3 X 2.5KW/AC220V 50HZ	
Dimensions (mm)	470×450×1020	520×490×1150	550×530×1180	580×560×1290
Transport Volume (mm)	540×540×1140	580×580×1250	610×610×1280	640×640×1360
Gross weight/net weight	81Kg/63Kg	94Kg/74Kg	113Kg/93Kg	125Kg/105Kg

Portable Autoclave Sterilization Pressure (Digital Display Automatic Type)

Item Number: KT-C05



Introduction

Portable autoclave sterilization pressure is a device that uses pressure saturated steam to quickly and effectively sterilize items.

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Model	KT-18HDD	KT-24HDD
Disinfection volume	18L φ280×260mm	24L φ280×390mm
Fixed work stress	0.14-0.16Mpa	
Rated working temperature	126°C	
Maximum safety pressure	0.165Mpa	
Heat uniformity of sterilization room	≤±1°C	
Power	AC220V.50Hz/2KW	
Transport volume (mm)	420×420×630	420×450×750
Gross weight/net weight	14/12Kg	15/14Kg

Horizontal Autoclave Steam Sterilizer (Microcomputer)

Item Number: KT-C06



Introduction

The horizontal autoclave steam sterilizer adopts the method of gravity displacement to remove the cold air in the inner chamber, so that the content of steam cold air in the inner chamber is less, and the sterilization is more reliable.

[Learn More](#)

Technical data	KTM -150YDB	KTM -200YDB	KTM -280YDB
Sterilizing chamber volume	150L φ440×1000mm	200L φ515×1000mm	280L φ600×1000mm
working pressure	0.22 MPa		
working temperature	134 degree		
Adjustment of temperature	40 - 134 degree		
Time of sterilization	0-99 min		
Time of drying	0-99 min		
Heat average	≤± 2 degree		
Power	9KW/380V 50Hz	9KW/380V 50Hz	12KW/380V 50Hz
Dimension	1400×650×1600	1400×750×1700	1520×910×1900
Transport dimension	1560×820×1820	1560×910×1880	1680×1080×2100
G.W/N.W	430/340 KG	436/350 KG	570/462 KG



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