



KINTEK SOLUTION

Steam Sterilizer Catalog

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KINTEK SOLUTION

COMPANY PROFILE

>>> About Us

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!



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	

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.

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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 ϕ 250×420mm	24L ϕ 250×520mm
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	$\leq \pm 1^\circ\text{C}$	
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.

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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

Electric Heating Blast Drying Oven

Item Number: KT-B05



Introduction

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

[Learn More](#)

Model	KT-9040A(S)	KT-9070A(S)	KT-9140A(S)	KT-9240A(S)	KT-9640A(S)
Voltage	AC220V 50Hz				
Temperature range	50°C-300°C				
Temperature fluctuation	±1°C				
Tracking alarm	+5°C				
Power consumption	1000W	1500W	2000W	2500W	4500W
Studio size (mm)	350x350x350	450x350x450	550x450x550	600x500x750	800x800x1000
Dimensions (mm)	500x560x705	650x560x805	750x660x905	800x710x1105	1000x1010x1355

Super Negative Oxygen Ion Generator

Item Number: KT-C03



Introduction

The super negative oxygen ion generator emits ions to purify indoor air, control viruses, and reduce PM2.5 levels below 10ug/m3. It protects against harmful aerosols entering the bloodstream through breathing.

[Learn More](#)

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.

[Learn More](#)

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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