



公司名称: 东莞市博安工业设备有限公司

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www.boanindustrial.com

主营产品: 软瓷生产线、工业加热设备 (包括工业烤箱/高温烤箱/隧道炉/排胶箱/UV机等)

Company Name: Dongguan Bo'an Industrial Equipment Co., Ltd

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Main Products:

Soft porcelain production lines, industrial heating equipment (including industrial ovens/high-temperature ovens/tunnel ovens/sizing boxes /UV machines, etc.)



微信二维码 UV 固化机/烘干设备/软瓷生产设备/

Wechat two-dimensional code

UV curing machine/drying equipment/soft porcelain production equipment

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Introduction to Boan

Dongguan Boan Industrial Equipment Co., Ltd. is a technology - based enterprise specializing in the R & D, production and sales of various industrial baking equipment and soft ceramic production lines. The company's main products include industrial ovens, clean ovens, high - temperature ovens, explosion - proof ovens, nitrogen ovens, glue - discharging furnaces, tunnel furnaces, UV machines, and supporting equipment for soft ceramic production lines, etc., which are widely used in new energy, electronics, medical, materials, hardware, soft ceramics and other industries.

The company has a group of senior engineering and technical personnel, who have rich practical and design experience in baking equipment and automation, and can quickly provide the best solutions and efficient and reliable energy - saving equipment according to customers' use requirements.

Dongguan Boan Industrial Equipment Co., Ltd. adheres to the concept of win - win cooperation and customer first, repays customers with products, services and reputation, and promotes the development of the company.



博安简介

东莞博安工业设备有限公司是一家专业从事各类工业烘烤设备、软瓷生产线的研发、生产与销售于一体的科技型企业，本公司主要产品有：工业烘箱，洁净烘箱，高温烘箱，防爆烘箱，氮气烤箱、排胶炉、隧道炉、UV机、软瓷生产线配套设备等，广泛应用于新能源、电子、医疗、材料、五金、软瓷等行业。

本公司拥有一批资深工程技术人员，他们在烘烤设备及自动化方面有丰富的实践及设计经验，可以根据客户使用要求快速提供最佳解决方案及高效可靠的节能设备。

东莞博安工业设备有限公司秉承合作共赢、客户致上的理念，以产品、服务、信誉回报客户，推进公司的发展。



智能/安全/可靠/高效/节能/精准控制/操作简单
Intelligent/safe/reliable/efficient/energy-saving
precise control/simple operation

非标定制 精工制作

Non standard customized Precision production

专业服务团队

Professional Service Team

免费提供技术指导

Free technical guidance provided



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升降烤箱
防爆烤箱
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多层输送隧道炉
灌胶固化炉
变压器、电机行业隧道炉
天然气加热炉
锂电池正极材料生产线
气氛炉

UV 机系列

500标准型UV机
700标准型UV机
非标定制UV机
LED UV固化机
防爆UV固化机
PCB、网印油墨行业机
五金、塑胶行业UV机

CATALOG

Soft porcelain production line
Non-woven Fabric Production Line

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BA-2005
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Trolley-type oven
Clean and dust-free oven
High-temperature oven
Clean drying oven for the pharmaceutical and food industry
Trolley - type Clean Oven
Nitrogen Oven
Resin-Removing Oven/Resin-Removing Furnace
Lift Oven
Explosion-Proof Oven
Ovens for explosive environments

Tunnel furnace series

IR infrared clean tunnel furnace
Hot air clean tunnel furnace
Tunnel furnace with adjustable track width
Clean tunnel furnaces in the semiconductor industry
Multi-layer conveying tunnel furnace
Glue injection curing furnace
Tunnel furnaces for the transformer and motor industries
Natural gas heating furnace
Lithium battery cathode material production line
Atmosphere furnace

UV machine series

500 standard UV machine
700 standard UV machine
Non-standard customized UV machines
LED UV curing machine
Explosion-proof UV curing machine
UV machines for the PCB and screen printing ink industry
UV machines for the hardware and plastic industries

软瓷自动化生产线 Soft porcelain production

设备简介:

本公司自主研发的软瓷自动化生产线,除了可为客户提供相关的配套设备外,还可提供生产配方、生产工艺以及配合客户完成产线布局,

本公司提供的软瓷产线设备包括:生产配料系统、自动涂布成型系统、烘烤固化系统、自动化分切系统等,整线自动化生产,自动铺料、铺网、烘烤固化、自动在线分切,每条线日产量800~1000平方,产品烘烤固化可根据需要采用电加热、燃气加热或蒸汽加热等方式。

Equipment Introduction

The soft ceramic automatic production line independently developed by our company can not only provide customers with relevant supporting equipment, but also provide production formulas, production processes, and cooperate with customers to complete the production line layout.

The soft ceramic production line equipment provided by our company includes: production batching system, automatic coating and forming system, baking and curing system, automatic slitting system, etc. The whole line is automated for production, with automatic material spreading, net laying, baking and curing, and automatic online slitting. The daily output of each line is 800 - 1000 square meters. The baking and curing of products can adopt electric heating, gas heating or steam heating methods as needed.



软瓷自动化生产线 Soft porcelain production

产线设备:

Equipment for the production line:



储料罐
Storage tank



配料搅拌系统
Ingredient mixing system



铺料及烘烤固化系统性
The system of material spreading
and baking curing



在线自动化分切系统
Online Automatic Cutting System



搅拌机
Blender



翻面机
Flipping machine



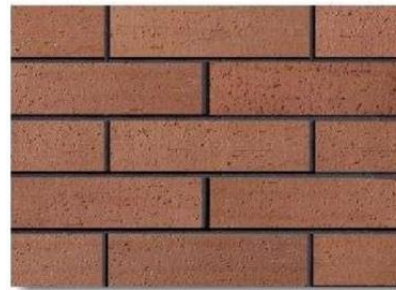
在线称重系统
Online weighing system

软瓷自动化生产线 Soft porcelain production

客户现场:
Customer site:



产品展示:
Product Display:



BA-1001型标准烤箱

BA-1001 standard oven

Model	BA - 1001
Over all Dimensions	H1460*W1000*D780mm
Inner Dimensions	H600W600D500mm
Total Power	≈6KW
Power Supply	AC220V/50HZ 、 AC380V/50HZ
Temperature Range	50 - 250°C Adjustable
Heating Rate	≈8°C/min
Airflow Mode	Three - side Circulating Airflow or Horizontal Circulating Airflow
Temperature Uniformity	±1.3% (Empty Furnace Test)
Material	Outer shell: Made of 2.0mm thick cold - rolled steel plate by bending and welding; Inner tank: Made of 1.5mm thick 304# stainless steel plate
Protection Functions	PID self - tuning, automatic constant temperature, automatic timing, alarm and power - off when temperature reaches the set value, over - temperature power - off, power - off protection, motor overload protection, etc.; With fuses and no - fuse switches for control circuits
Product Features	1. 1.Heating control: Adopts intelligent temperature controller with PID automatic calculation and LED display. It works with SSR solid-state relay or SCR power regulator for output, enabling precise temperature control.
	2. Design the circulating air duct according to product characteristics, with good temperature uniformity. Use high - temperature - resistant silicone double - layer sealing, beautiful appearance and no pollution
Application Scope	Electronics industry (semiconductor, LCM, LCD, LED, MLCC, TFT, precision ceramics), PCB, PE, electrolytic capacitor, silicone, rubber and plastic keyboard, computer, motor, communication, hardware, chemical industry, sports equipment, printing, pharmaceutical, footwear, auto parts, etc. for industrial baking, drying, preheating and tempering, aging, etc.
Remarks	The above industrial ovens can be customized according to customer requirements, and non - standard industrial ovens of different specifications can be customized



型号	BA-1001
外形尺寸	H1460*W1000*D780mm
内胆尺寸)	H600*W600*D500mm
总功率	≈6KW
电源	AC220V/50HZ AC380V/50HZ
温度范围	50~250°C 可调
升温速率	≈8°C/min
运风方式	三面循环运风或水平循环运风
温度均匀性	±1.3% (空炉测试)
材质	外壳采用2.0mm厚冷轧钢板折弯焊接而成/内胆采用1.5mm厚304# 不锈钢板制作
保护功能	PID自整定、自动恒温、自动计时、温度达到后定时报警断电、超温断电、断电保护、电机过载保护等控制线路保险丝、无熔丝开关等功能保护
产品特性	1. 采用智能型温度控制器，PID自动演算，LED显示，配合SSR固态继电器输出或配合SCR电力调整器输出，能精确控制温度
	2. 根据产品特性设计循环风道，温度均匀性好. 使用耐高温硅胶双层密封，外形美观无污染
适用范围	电子业（半导体、LCM、LCD、LED、MLCC、TFT、精密陶瓷）、PCB、PE、电解电容、硅胶、橡塑料键盘、计算机、电机、通讯、五金、化工、运动器材、印刷、制药、鞋业、汽车零部件等工业之烘烤、干燥、预热回火、老化等用途
备注	以上工业烤箱均可根据客户要求定制、定制不同规格的非标工业烤箱

BA-1002型标准烤箱
BA-1002 standard oven

Model	BA - 1002
Overall Dimensions	H1860*W1000*D780MM
Inner Tank Dimensions	H1000*W600*D500MM
Total Power	≈9KW
Power Supply	AC220V/50HZ, AC380V/50HZ
Temperature Range	50 - 250°C Adjustable
Heating Rate	8°C/min
Airflow Mode	Three - side Circulating Airflow or Horizontal Circulating Airflow
Temperature Uniformity	±1.3% (Empty Furnace Test)
Material	The outer shell is made of 2.0mm thick cold - rolled steel plate by bending and welding; the inner tank is made of 1.5mm thick 304# stainless steel plate
Protection Functions	Equipped with functions such as PID self - tuning, automatic constant temperature, automatic timing, alarm and power - off when the temperature reaches the set value, over - temperature power - off, power - off protection, motor overload protection, etc.; with fuses and no - fuse switches for control circuits
Product Features	11.Heating control: Adopts intelligent temperature controller with PID automatic calculation and LED display. It works with SSR solid-state relay or SCR power regulator for output, enabling precise temperature control..
	2. Design the circulating air duct according to the product characteristics, with good temperature uniformity. Use high - temperature - resistant silicone double - layer sealing, beautiful appearance and no pollution
Application Scope	For industrial baking, drying, preheating and tempering, aging, etc. in the electronics industry (semiconductors, LCM, LCD, LED, MLCC, TFT, precision ceramics), PCB, PE, electrolytic capacitors, silicone, rubber and plastic keyboards, computers, motors, communications, hardware, chemicals, sports equipment, printing, pharmaceuticals, footwear, auto parts, etc.
Remarks	The above industrial ovens can be customized according to customer requirements, and non - standard industrial ovens of different specifications can be customized



型号	BA-1002
外形尺寸	H1860*W1000*D780MM
内胆尺寸M	H1000*W600*D500MM
总功率	≈9KW
电源	AC220V/50HZ AC380V/50HZ
温度范围	50-250℃可调
升温速率	8度/min
运风方式	三面循环运风或水平循环运风
温度均匀性	±1.3%（空炉测试）
材质	外壳采用2.0mm厚冷轧钢板折弯焊接而成/内胆采用1.5mm厚304#不锈钢板制作
保护功能	PID自整定、自动恒温、自动计时、温度达到后定时报警断电、超温断电、断电保护、电机过载保护等控制线路保险丝、无熔丝开关等功能保护
产品特性	1. 采用智能型温度控制器，PID自动演算，LED显示，配合SSR固态继电器输出或配合SCR电力调整器输出，能精确控制温度； 2. 根据产品特性设计循环风道，温度均匀性好. 使用耐高温硅胶双层密封，外形美观无污染
适用范围	电子业（半导体、LCM、LCD、LED、MLCC、TFT、精密陶瓷）、PCB、PE、电解电容、硅胶、橡塑料键盘、计算机、电机、通讯、五金、化工、运动器材、印刷、制药、鞋业、汽车零部件等工业之烘烤、干燥、预热回火、老化等用途
备注	以上工业烤箱均可根据客户要求定制、定制不同规格的非标工业烤箱

BA-2002型标准烤箱
BA-2002 standard oven



Model	BA - 2002 Standard Oven
Overall Dimensions	H1860*W1260*D880MM
Inner Tank Dimensions	H1000*W860*D600MM
Total Power	≈12KW
Power Supply	AC220V/50HZ, AC380V/50HZ
Temperature Range	50 - 250°C Adjustable
Heating Rate	8°C/min
Airflow Mode	Three - side Circulating Airflow or Horizontal Circulating Airflow
Temperature Uniformity	±1.5% (Empty Furnace Test)
Material	The outer shell is made of 2.0mm thick cold - rolled steel plate by bending and welding; the inner tank is made of 1.5mm thick 304# stainless steel plate
Protection Functions	Equipped with functions such as PID self - tuning, automatic constant temperature, automatic timing, alarm and power - off when the temperature reaches the set value, over - temperature power - off, power - off protection, motor overload protection, etc.; with fuses and no - fuse switches for control circuits
Product Features	1.Heating control: Adopts intelligent temperature controller with PID automatic calculation and LED display. It works with SSR solid-state relay or SCR power regulator for output, enabling precise temperature control.
	2.Design the circulating air duct according to the product characteristics, with good temperature uniformity. Use high - temperature - resistant silicone double - layer sealing, beautiful appearance and no pollution
Application Scope	For industrial baking, drying, preheating and tempering, aging, etc. in the electronics industry (semiconductors, LCM, LCD, LED, MLCC, TFT, precision ceramics), PCB, PE, electrolytic capacitors, silicone, rubber and plastic keyboards, computers, motors, communications, hardware, chemicals, sports equipment, printing, pharmaceuticals, footwear, auto parts, etc.
Remarks	The above industrial ovens can be customized according to customer requirements, and non - standard industrial ovens of different specifications can be customized

型号	BA-2002型标准烤箱
外形尺寸	H1860*W1260*D880MM
内胆尺寸	H1000*W860*D600MM
总功率	≈12KW
电源	AC220V/50HZ AC380V/50HZ
温度范围	50-250℃可调
升温速率	8度/min
运风方式	三面循环运风或水平循环运风
温度均匀性	±1.5%（空炉测试）
材质	外壳采用2.0mm厚冷轧钢板折弯焊接而成/内胆采用1.5mm厚304# 不锈钢板制作
保护功能	PID自整定、自动恒温、自动计时、温度达到后定时报警断电、超温断电、断电保护、电机过载保护等控制线路保险丝、无熔丝开关等功能保护
产品特性	1. 采用智能型温度控制器，PID自动演算，LED显示，配合SSR固态继电器输出或配合SCR电力调整器输出，能精确控制温度 2. 根据产品特性设计循环风道，温度均匀性好. 使用耐高温硅胶双层密封，外形美观无污染
适用范围	电子业（半导体、LCM、LCD、LED、MLCC、TFT、精密陶瓷）、PCB、PE、电解电容、硅胶、橡塑料键盘、计算机、电机、通讯、五金、化工、运动器材、印刷、制药、鞋业、汽车零配件等工业之烘烤、干燥、预热回火、老化等用途
备注	以上工业烤箱均可根据客户要求定制、定制不同规格的非标工业烤箱

BA-2005型标准烤箱

BA-2005 standard oven

型号	BA-2005
外形尺寸	H2360*W1880*D1300MM
内胆尺寸	H1600*W1200*D1000MM
总功率	≈25KW
电源	AC220V/50HZ AC380V/50HZ
温度范围	50-250℃可调
升温速率	8度/min
运风方式	三面循环运风或水平循环运风
温度均匀性	±1.5%（空炉测试）
材质	外壳采用2.0mm厚冷轧钢板折弯焊接而成/内胆采用1.5mm厚304#不锈钢板制作
保护功能	PID自整定、自动恒温、自动计时、温度达到后定时报警断电、超温断电、断电保护、电机过载保护等控制线路保险丝、无熔丝开关等功能保护
产品特性	1. 采用智能型温度控制器，PID自动演算，LED显示，配合SSR固态继电器输出或配合SCR电力调整器输出，能精确控制温度 2. 根据产品特性设计循环风道，温度均匀性好。使用耐高温硅胶双层密封，外形美观无污染
适用范围	电子业（半导体、LCM、LCD、LED、MLCC、TFT、精密陶瓷）、PCB、PE、电解电容、硅胶、橡胶塑料键盘、计算机、电机、通讯、五金、化工、运动器材、印刷、制药、鞋业、汽车零部件等工业之烘烤、干燥、预热回火、老化等用途
备注	以上工业烤箱均可根据客户要求定制、定制不同规格的非标工业烤箱

Model	BA - 2005
Overall Dimensions	H2360*W1880*D1300MM
Inner Tank Dimensions	H1600*W1200*D1000MM
Total Power	≈25KW
Power Supply	AC220V/50HZ, AC380V/50HZ
Temperature Range	50 - 250°C Adjustable
Heating Rate	8°C/min
Airflow Mode	Three - side Circulating Airflow or Horizontal Circulating Airflow
Temperature Uniformity	±1.5% (Empty Furnace Test)
Material	The outer shell is made of 2.0mm thick cold - rolled steel plate by bending and welding; the inner tank is made of 1.5mm thick 304# stainless steel plate
Protection Functions	Equipped with functions such as PID self - tuning, automatic constant temperature, automatic timing, alarm and power - off when the temperature reaches the set value, over - temperature power - off, power - off protection, motor overload protection, etc.; with fuses and no - fuse switches for control circuits
Product Features	1. Heating control: Adopts intelligent temperature controller with PID automatic calculation and LED display. It works with SSR solid-state relay or SCR power regulator for output, enabling precise temperature control. 2. Design the circulating air duct according to the product characteristics, with good temperature uniformity. Use high - temperature - resistant silicone double - layer sealing, beautiful appearance and no pollution
Application Scope	For industrial baking, drying, preheating and tempering, aging, etc. in the electronics industry (semiconductors, LCM, LCD, LED, MLCC, TFT, precision ceramics), PCB, PE, electrolytic capacitors, silicone, rubber and plastic keyboards, computers, motors, communications, hardware, chemicals, sports equipment, printing, pharmaceuticals, footwear, auto parts, etc.
Remarks	The above industrial ovens can be customized according to customer requirements, and non - standard industrial ovens of different specifications can be customized



抽屉式多层烤箱 Drawer-type multi-layer oven



产品介绍:

- 主要用于电子、五金、锂电等行业。
- 烤箱可根据工艺要求设定烘烤时间，当某一层烘烤到达设定的烘烤时间后，抽屉可自动滑出。以便取放料，

设备特点:

- 采用电发热管加热，温度范围：常温~+150°C(可调)，温度控制精度：±0.3°C%，温度均匀度达到1.5°C%。
- 内部采用强制式热风循环，确保炉内温度均匀。
- 炉体内部采用SUS304#不锈钢板材，保持炉内洁净，设备外壳采用冷轧板制作表面烤漆处理，(设备也可采用全不锈钢结构制作)。
- 进出料输送：可采用不锈钢盖板链输送,速度变频可调。
- 安全保护：P.I.D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护



Product Introduction

- Mainly used in electronics, hardware, lithium battery and other industries.
- The oven can set the baking time according to the process requirements. When the baking of a certain layer reaches the set baking time, the drawer can automatically slide out for easy loading and unloading.

Equipment Features

- Heated by electric heating tubes. Temperature range: Room temperature ~ +150°C (adjustable). Temperature control accuracy: ±0.3°C, and temperature uniformity reaches 1.5°C.
- Forced hot air circulation is adopted inside to ensure uniform temperature in the furnace.
- The inside of the furnace body is made of SUS304# stainless steel plate to keep the inside clean. The outer shell of the equipment is made of cold - rolled plate with surface painting treatment (the equipment can also be made of all - stainless - steel structure).
- For feeding and discharging conveying, stainless steel cover plate chain conveying can be adopted, and the speed is variable - frequency adjustable.
- Safety protection: P.I.D self - tuning, automatic constant temperature, over - temperature alarm, leakage protection, motor overload protection, phase - loss and reverse - phase protection.

推车型烤箱

Trolley - type Oven

型号	非标定制（推车型烤箱）
外形尺寸	H1850*W1600*D1000MM
内胆尺寸	H1100*W800*D700MM
总功率	≈15KW
电源	AC220V/50HZ AC380V/50HZ
温度范围	50-250℃可调
升温速率	8度/min
运风方式	三面循环运风或水平循环运风
温度均匀性	±1.5%（空炉测试）
材质	外壳采用2.0mm厚冷轧钢板折弯焊接而成/内胆采用1.5mm厚304#不锈钢板制作
保护功能	PID自整定、自动恒温、自动计时、温度到后定时报警断电、超温断电、断电保护、电机过载保护等控制线路保险丝、无熔丝开关等功能保护
产品特性	1. 采用智能型温度控制器，PID自动演算，LED显示，配合SSR固态继电器输出或配合SCR电力调整器输出，能精确控制温度 2. 根据产品特性设计循环风道，温度均匀性好。使用耐高温硅胶双层密封，外形美观无污染
适用范围	电子业（半导体、LCM、LCD、LED、MLCC、TFT、精密陶瓷）、PCB、PE、电解电容、硅胶、橡塑塑料键盘、计算机、电机、通讯、五金、化工、运动器材、印刷、制药、鞋业、汽车零部件等工业之烘烤、干燥、预热回火、老化等用途
备注	以上工业烤箱均可根据客户要求定制、定制不同规格的非标工业烤箱

Model	Trolley - type Oven
Overall Dimensions	H1850*W1600*D1000MM
Inner Tank Dimensions	H1100*W800*D700MM
Total Power	≈15KW
Power Supply	AC220V/50HZ, AC380V/50HZ
Temperature Range	50 - 250°C Adjustable
Heating Rate	8°C/min
Airflow Mode	Three - side Circulating Airflow or Horizontal Circulating Airflow
Temperature Uniformity	±1.5% (Empty Furnace Test)
Material	The outer shell is made of 2.0mm thick cold - rolled steel plate by bending and welding; the inner tank is made of 1.5mm thick 304# stainless steel plate
Protection Functions	Equipped with functions such as PID self - tuning, automatic constant temperature, automatic timing, alarm and power - off when the temperature reaches the set value, over - temperature power - off, power - off protection, motor overload protection, etc.; with fuses and no - fuse switches for control circuits
Product Features	1. Temperature control: Adopts intelligent temperature controller with PID auto-tuning and LED display, working with SSR solid-state relay or SCR power regulator for precise temperature control. 2. Design the circulating air duct according to the product characteristics, with good temperature uniformity. Use high - temperature - resistant silicone double - layer sealing, beautiful appearance and no pollution
Application Scope	For industrial baking, drying, preheating and tempering, aging, etc. in the electronics industry (semiconductors, LCM, LCD, LED, MLCC, TFT, precision ceramics), PCB, PE, electrolytic capacitors, silicone, rubber and plastic keyboards, computers, motors, communications, hardware, chemicals, sports equipment, printing, pharmaceuticals, footwear, auto parts, etc.
Remarks	The above industrial ovens can be customized according to customer requirements, and non - standard industrial ovens of different specifications can be customized



洁净烘箱（无尘烤箱）

Clean oven (dust-free oven)

产品介绍:

- 洁净烤箱是一种在无尘或低污染环境下进行烘干、固化、退火等工艺的特种烘箱，主要用于对洁净度要求较高的行业，如电子、医药、光学、锂电池、半导体及高端无纺布（如医用防护材料）的生产。
- 设备自带净化过滤系统，箱内循环加热的热风通过高效空气过滤器后才进入箱体内，使烘箱内处于无尘洁净状态，
- 设备的温度由温控仪自动控制，烘烤时间及温度可根据需要设定。

设备特点:

- 采用智能数显温度控制仪控制,可根据需要设定不同时间段的温度，设备带自动整定功能，超温断电停止加热。
- 内胆采用不锈钢板精密焊接而成，长期在高温下使用不会生锈变形。
- 配运风马达，烤箱内空气自动循环，
- 配进气、排气阀门，可调节进风量
- 进风口配耐高温超高效过滤器，>0.1 μ m颗粒过滤效率99.999%；

选配功能:

- 温度记录仪
- 485通讯或以太网通讯

产品参数:

内尺寸H*W*D	非常标定制
温度范围	室温 +20~200°C
控温精度	±1.0°C
温度均匀性	±1.5%（空炉测试）
升温时间	25min-40min从常温升温到150°C
控温功能	程序式升温控制
电源	三相380V

Product Description:

- A clean oven is a special type of oven that conducts drying, curing, annealing and other processes in a dust-free or low-pollution environment. It is mainly used in industries with high cleanliness requirements, such as electronics, medicine, optics, lithium batteries, semiconductors and the production of high-end non-woven fabrics (such as medical protective materials).
- The equipment is equipped with a built-in purification and filtration system. The hot air circulating and heated inside the box passes through a high-efficiency air filter before entering the box, keeping the oven in a dust-free and clean state. The temperature of the equipment is automatically controlled by the temperature controller.
- The baking time and temperature can be set as needed.

Equipment features:

- It is controlled by an intelligent digital display temperature controller. The temperature for different time periods can be set as needed. The equipment is equipped with an automatic setting function. When the temperature exceeds the limit, it will cut off the power and stop heating.
- The inner tank is precisely welded from stainless steel plates and will not rust or deform even when used at high temperatures for a long time.
- Equipped with a fan motor, the air inside the oven circulates automatically.
- It is equipped with intake and exhaust valves to adjust the intake air volume
- The air inlet is equipped with a high-temperature resistant ultra-high-efficiency filter, with a filtration efficiency of 99.999% for particles larger than 0.1 μ m.

Optional functions:

- Temperature recorder
- 485 communication or Ethernet communication

Product parameters:

Internal Dimensions (H*W*D)	Non - standard Customization
Temperature Range	Room Temperature +20°C - 200°C
Temperature Control Precision	±1.0°C
Temperature Uniformity	±1.5% (No - load Test)
Heating - up Time	25min - 40min (Heating from Room Temperature to 150°C)
Temperature Control Function	Programmed Heating - up Control
Power Supply	Three - phase 380V



高温烤箱 High-temperature oven

型号	非标定制	Model	Non - standard Customization
外形尺寸	H2000*W1600*D1200	Overall Dimensions	H2000*W160*D1200
内胆尺寸	H900*W800*D700	Inner Tank Dimensions	H900*W800*D700
总功率	≈20KW	Total Power	≈20KW
电源	AC220V/50HZ AC380V/50HZ	Power Supply	AC220V/50HZ, AC380V/50HZ
温度范围	50-700℃可调	Temperature Range	50 - 700℃ Adjustable
升温速率	8度/min	Heating Rate	8℃/min
运风方式	三面循环运风或水平循环运风	Airflow Mode	Three - side Circulating Airflow or Horizontal Circulating Airflow
温度均匀性	±2%（空炉测试）	Temperature Uniformity	±2% (Empty Furnace Test)
材质	外壳采用2.0mm厚冷轧钢板折弯焊接而成/内胆采用1.5mm厚304#不锈钢板制作	Material	The outer shell is made of 2.0mm thick cold - rolled steel plate by bending and welding; the inner tank is made of 1.5mm thick 304# stainless steel plate
保护功能	PID自整定、自动恒温、自动计时、温度到后定时报警断电、超温断电、断电保护、电机过载保护等控制线路保险丝、无熔丝开关等功能保护	Protection Functions	Equipped with functions such as PID self - tuning, automatic constant temperature, automatic timing, alarm and power - off when the temperature reaches the set value, over - temperature power - off, power - off protection, motor overload protection, etc.; with fuses and no - fuse switches for control circuits
产品特性	1. 采用智能型温度控制器，PID自动演算，LED显示，配合SSR固态继电器输出或配合SCR电力调整器输出，能精确控制温度 2. 根据产品特性设计循环风道，温度均匀性好。使用耐高温硅胶双层密封，外形美观无污染	Product Features	1. Adopt an intelligent temperature controller, with PID automatic calculation, LED display, cooperate with SSR solid - state relay output or SCR power regulator output, and can accurately control the temperature precision. 2. Design the circulating air duct according to the product characteristics, with good temperature uniformity. Use high - temperature - resistant silicone double - layer sealing, beautiful appearance and no pollution
适用范围	电子业（半导体、LCM、LCD、LED、MLCC、TFT、精密陶瓷）、PCB、PE、电解电容、硅胶、橡塑料键盘、计算机、电机、通讯、五金、化工、运动器材、印刷、制药、鞋业、汽车零部件等工业之烘烤、干燥、预热回火、老化等用途	Application Scope	For industrial baking, drying, preheating and tempering, aging, etc. in the electronics industry (semiconductors, LCM, LCD, LED, MLCC, TFT, precision ceramics), PCB, PE, electrolytic capacitors, silicone, rubber and plastic keyboards, computers, motors, communications, hardware, chemicals, sports equipment, printing, pharmaceuticals, footwear, auto parts, etc.
备注	以上工业烤箱均可根据客户要求定制、定制不同规格的非标工业烤箱	Remarks	The above industrial ovens can be customized according to customer requirements, and non - standard industrial ovens of different specifications can be customized



医药食品行业洁净烘箱

Clean drying oven for the pharmaceutical and food industry



产品介绍:

- 本产品主要用于特殊洁净环境的烘干设备,空气经耐高温高效过滤器才进入炉膛使炉膛处于无尘状态,烘烤温度由温控仪自动控制,自动恒温及时间控制,超温自动切断电源及报警。

设备特点:

- 设备内胆及外壳采用全不锈钢制作,高温下使用不会生锈变形及设备内部清洁
- 采用智能数显温度控制仪控制,可设程序升温 and 降温,带自动整定功能,超温断电停止加热。
- 配运风马达,烤箱内空气自动循环,
- 配进气、排气阀门,可调节进风量
- 配耐高温高效过滤器, $>0.1\mu\text{m}$ 颗粒过滤效率99.999%;

选配功能:

- 温度记录仪
- 485通讯或以太网通讯

设备参数:

内尺寸H*W*D	非常标定制
温度范围	室温 +20~200℃
控温精度	±1.0℃
温度均匀性	±1.5% (空炉测试)
升温时间	25min-40min从常温升温到150℃
控温功能	程序式升温控制
电源	三相380V

Product Introduction

- This product is mainly used in drying equipment for special clean environments. Air enters the furnace only after passing through high-temperature resistant and high-efficiency filters, keeping the furnace in a dust-free state. The baking temperature is automatically controlled by a temperature controller, featuring automatic constant temperature and time control. When the temperature exceeds the limit, the power supply will be automatically cut off and an alarm will be triggered.

Equipment features

- The inner tank and outer shell of the equipment are made of all stainless steel, which will not rust or deform at high temperatures and the interior of the equipment is clean
- It is controlled by an intelligent digital display temperature controller, which can be set for programmed heating and cooling. It is equipped with an automatic setting function and will stop heating by cutting off power when the temperature exceeds the limit.
- Equipped with a fan motor, the air inside the oven circulates automatically.
- It is equipped with intake and exhaust valves to adjust the intake air volume
- Equipped with high-temperature resistant and high-efficiency filters, the filtration efficiency for particles larger than $0.1\mu\text{m}$ is 99.999%.

Optional functions

- Temperature recorder
- 485 communication or Ethernet communication

Equipment Parameters:

Inner Dimension (H*W*D)	Customized (Non - standard)
Temperature Range	Room Temperature + 20°C - 200°C
Temperature Control Accuracy	±1.0°C
Temperature Uniformity	±1.5% (Empty Furnace Test)
Heating - up Time	25min - 40min to heat up from room temperature to 150°C
Temperature Control Function	Programmed Heating - up Control
Power Supply	Three - phase 380V

推车型洁净烤箱 Trolley - type Clean Oven

产品介绍:

- 本产品是一种在无尘或低污染环境下进行烘干、固化、退火等工艺的特种烘箱，主要用于对洁净度要求较高的行业，如电子、医药、光学、锂电池、半导体及高端无纺布（如医用防护材料）的生产。
- 设备自带净化过滤系统，箱内循环加热的热风通过高效空气过滤器后才进入箱体内部，使烘箱内处于无尘洁净状态，
- 本设备具有恒温、定时、程控加热的特点；箱内空气热风自循环，经耐高温高效空气过滤器反复过滤，使烘箱工作室处于无尘洁净状态。
- 本烤箱配不锈钢推车使用，方便取放料。

设备特点:

- 采用智能数显温度控制仪控制,可设程序升温 and 降温，带自动整定功能，超温断电停止加热。
- 内胆采用不锈钢板精密焊接而成，长期在高温下使用不会生锈变形。
- 配运风马达，烤箱内空气自动循环，
- 配进气、排气阀门，可调节进风量,进风口配耐高温超高效过滤器， $>0.1\mu m$ 颗粒过滤效率99.999%；

设备参数:

内尺寸H*W*D	非常标定制
温度范围	室温 +20~220℃
控温精度	±1.0℃
温度均匀性	±1.5%（空炉测试）
升温时间	25min-40min从常温升温到150℃
控温功能	程序式升温控制
电源	三相380V

Product Introduction

- This product is a special oven that conducts drying, curing, annealing and other processes in a dust-free or low-pollution environment. It is mainly used in industries with high cleanliness requirements, such as electronics, medicine, optics, lithium batteries, semiconductors and the production of high-end non-woven fabrics (such as medical protective materials).
- The equipment is equipped with a built-in purification and filtration system. The hot air circulating and heated inside the box passes through a high-efficiency air filter before entering the box, keeping the oven in a dust-free and clean state.
- This equipment features constant temperature, timing and programmable heating. The hot air inside the box circulates by itself and is repeatedly filtered through high-temperature resistant and high-efficiency air filters, keeping the working chamber of the oven in a dust-free and clean state .
- This oven is equipped with a stainless steel trolley for convenient loading and unloading of materials.

Equipment features

- The inner tank and outer shell of the equipment are made of all stainless steel, which will not rust or deform at high temperatures and the interior of the equipment is clean
- It is controlled by an intelligent digital display temperature controller, which can be set for programmed heating and cooling. It is equipped with an automatic setting function and will stop heating by cutting off power when the temperature exceeds the limit.
- Equipped with a fan motor, the air inside the oven circulates automatically.
- It is equipped with intake and exhaust valves to adjust the intake air volume
- Equipped with high-temperature resistant and high-efficiency filters, the filtration efficiency for particles larger than $0.1\mu m$ is 99.999%.

Equipment parameters

Inner Dimension (H*W*D)	Customized (Non - standard)
Temperature Range	Room Temperature + 20°C - 220°C
Temperature Control Accuracy	±1.0°C
Temperature Uniformity	±1.5% (Empty Furnace Test)
Heating - up Time	25min - 40min to heat up from room temperature to 150°C
Temperature Control Function	Programmed Heating - up Control
Power Supply	Three - phase 380V



氮气烤箱 Nitrogen Oven

设备介绍:

- 氮气烘箱广泛用于精密电子、太阳能、锂电等新能源行业，为更好防止产品受潮氧化，氮气烤箱可在非氧化环境中对产品进行烘烤加热，确保产品在加热时不被氧化。
- 氮气烘箱配有氧气分析仪，当氧气浓度高于所设定数值时连接制供气设备的电磁阀门自动打开，向箱内自动充氮；氧气浓度低于所设定数值时，连接供气设备的电磁阀门自动关闭，将实时数据传输到外显示器上；氮气进口装有流量计，能准确的控制氮气进入箱体，在节省氮气同时可更好保护产品。

设备特点:

1. 温度范围：RT(室温)-250℃（任意调节设定,温度控制精度：±0.3℃%，温度均匀度达到1.5℃%。
2. PLC+人机界面配合微电脑控制温控器，带PID自动演算功能,程控式升降温，带自动整定功能，当超温时可自动断电停止加热。
3. 可以保存配方，查看温度曲线，导出升温数据等；
4. 内胆采用不锈钢板精密焊接而成，长期在高温下使用不会生锈变形。
5. 配运风马达，烤箱内空气自动循环，
6. 配进气、排气阀，可调节进风量
7. 含氧量：<5000, 3000, 1000, 200, 100ppm,
8. 进风口配耐高温高效过滤器，>0.1 μm颗粒过滤效率99.999%；
9. 含氧控制：为更好防止产品受潮氧化，设备配有氧分析仪，当氧气浓度高于所设定数值时连接制供气设备的电磁阀自动打开，向箱内自动充氮；氧气浓度低于所设定数值时，连接供气设备的电磁阀门自动关闭，并将实时数据传输到显示器上，
10. 氮气装置：采用氮气专用的转子流量计,进气端配有氮气减压阀，气源压力及实际充气压力双表指针显示。

设备参数:

温度范围	常温—220℃
温度精度	±0.3℃%，
温度均匀性	±1.5%（空炉测试）
加热功率	可按需定制
工作尺寸	可按需定制
洁净度	CLASS 100（选配）
含氧量范围	100PPM-1%

Equipment Introduction:

1. Nitrogen ovens are widely used in precision electronics, solar energy, lithium batteries and other new energy industries to prevent products from being oxidized by moisture. Nitrogen ovens can bake and heat products in a non-oxidizing environment to ensure that products are not oxidized during heating.
2. The nitrogen oven is equipped with an oxygen analyzer. When the oxygen concentration is higher than the set value, the solenoid valve connected to the gas supply equipment will automatically open to fill the oven with nitrogen; when the oxygen concentration is lower than the set value, the solenoid valve connected to the gas supply equipment will automatically close. The real-time data is transmitted to the external display; a flow meter is installed at the nitrogen inlet to accurately control the nitrogen entering the oven, which can better protect the product while saving nitrogen.

Equipment Features:

1. Temperature range: RT (room temperature) - 250° C (adjustable and set arbitrarily). Temperature control precision: ±0.3° C, temperature uniformity reaches 1.5° C.
2. PLC + man-machine interface cooperate with the microcomputer to control the temperature controller, with PID automatic calculation function, program-controlled heating and cooling, with automatic setting function, and can automatically power off and stop heating when over-temperature.
3. Can save recipes, view temperature curves, export heating data, etc.;
4. The inner tank is made of stainless steel plates by precision welding, and will not be deformed after long-term use at high temperature.
5. Equipped with an air supply motor, the air in the oven circulates automatically.
6. Equipped with air intake and exhaust valves, the air volume can be adjusted.
7. Oxygen content: 5000, 3000, 1000, 200, 100ppm.
8. The air inlet is equipped with a high-temperature-resistant and high-efficiency filter, with a filtration efficiency of >99.999% for particles >0.1μm.
9. Oxygen control: To better prevent products from being oxidized by moisture, the equipment is equipped with an oxygen analyzer. When the oxygen concentration is higher than the set value, the solenoid valve connected to the gas supply equipment will automatically open to fill the oven with nitrogen; when the oxygen concentration is lower than the set value, the solenoid valve connected to the gas supply equipment will automatically close, and the real-time data will be transmitted to the display.
10. Nitrogen device: A rotor flow meter dedicated to nitrogen is used, and a nitrogen pressure reducing valve is equipped at the inlet. The air source pressure and the actual inflation pressure are displayed by double pointers.

Equipment Parameters:

Temperature Range	Room Temperature - 220°C
Temperature Accuracy	±0.3°C
Temperature Uniformity	±1.5% (Empty Furnace Test)
Heating Power	Customizable as Required
Working Size	Customizable as Required
Cleanliness	CLASS 100 (Optional)
Oxygen Content Range	100PPM - 1%



排胶箱/排胶炉

Resin-Removing Oven/Resin-Removing Furnace

Model	Non - standard Customization
Overall Dimensions	H1800*W1000D*880MM
Inner Tank Dimensions	H700*W600*D600MM
Total Power	≈9KW
Power Supply	AC220V/50HZ, AC380V/50HZ
Temperature Range	50 - 500°C Adjustable
Heating Rate	8°C/min
Airflow Mode	Three - side Circulating Airflow or Horizontal Circulating Airflow
Temperature Uniformity	±1.3% (Empty Furnace Test)
Material	The outer shell is made of 2.0mm thick cold - rolled steel plate by bending and welding; the inner tank is made of 1.5mm thick 304# stainless steel plate
Protection Functions	Equipped with functions such as PID self - tuning, automatic constant temperature, automatic timing, alarm and power - off when the temperature reaches the set value, over - temperature power - off, power - off protection, motor overload protection, etc.; with fuses and no - fuse switches for control circuits
Product Features	1. It adopts an intelligent temperature controller with PID automatic calculation, LED display, and can precisely control the temperature in combination with SSR solid-state relay output or SCR power regulator output Design the circulating air duct according to the product characteristics, with good temperature uniformity. Use high - temperature - resistant silicone double - layer sealing, beautiful appearance and no pollution
Application Scope	For industrial baking, drying, preheating and tempering, aging, etc. in the electronics industry (semiconductors, LCM, LCD, LED, MLCC, TFT, precision ceramics), PCB, PE, electrolytic capacitors, silicone, rubber and plastic keyboards, computers, motors, communications, hardware, chemicals, sports equipment, printing, pharmaceuticals, footwear, auto parts, etc.
Remarks	The above industrial ovens can be customized according to customer requirements, and non - standard industrial ovens of different specifications can be customized



型号	非标定制
外形尺寸	H1800*W1000*D880MM
内胆尺寸	H700*W600*D600MM
总功率	≈9KW
电源	AC220V/50HZ AC380V/50HZ
温度范围	50-500°C 可调
升温速率	8度/min
运风方式	三面循环运风或水平循环运风
温度均匀性	±1.3% (空炉测试)
材质	外壳采用2.0mm厚冷轧钢板折弯焊接而成/内胆采用1.5mm厚304#不锈钢板制作
保护功能	PID自整定、自动恒温、自动计时、温度到后定时报警断电、超温断电、断电保护、电机过载保护等控制线路保险丝、无熔丝开关等功能保护
产品特性	1. 采用智能型温度控制器，PID自动演算，LED显示，配合SSR固态继电器输出或配合SCR电力调整器输出，能精确控制温度 2. 根据产品特性设计循环风道，温度均匀性好。使用耐高温硅胶双层密封，外形美观无污染
适用范围	电子业（半导体、LCM、LCD、LED、MLCC、TFT、精密陶瓷）、PCB、PE、电解电容、硅胶、橡塑料键盘、计算机、电机、通讯、五金、化工、运动器材、印刷、制药、鞋业、汽车零配件等工业之烘烤、干燥、预热回火、老化等用途
备注	以上工业烤箱均可根据客户要求定制、定制不同规格的非标工业烤箱

升降烤箱 Lift Oven

Product Introduction

- It is mainly used in industries such as electronics, hardware, and lithium batteries.
- The box is equipped with two sets of layer-type lifting mechanisms. An ascending baking device is installed on the feeding side, and a descending baking device is installed on the discharging side. The materials automatically enter and exit the oven through the conveyor line.
- Because it is a vertical shelf structure, it can greatly save the floor space occupied by the equipment and reduce energy consumption.
- The equipment is equipped with loading and unloading operators at the front and back to achieve online automatic assembly line operation

Equipment Features

- Heated by electric heating tubes. Temperature range: Room temperature $\sim +200^{\circ}\text{C}$ (adjustable). Temperature control accuracy: $\pm 0.3^{\circ}\text{C}$, and temperature uniformity reaches 1.5°C .
- Forced hot air circulation is adopted inside to ensure uniform temperature in the furnace.
- The inside of the furnace body is made of SUS304 stainless steel plate to keep the inside clean. The outer shell of the equipment is made of cold - rolled plate with surface painting treatment (the equipment can also be made of all - stainless - steel structure).
- For feeding and discharging conveying, stainless steel cover plate chain conveying can be adopted, and the speed is variable - frequency adjustable.
- Safety protection: P.I.D self - tuning, automatic constant temperature, over - temperature alarm, leakage protection, motor overload protection, phase - loss and reverse - phase protection.



产品介绍:

- 主要用于电子、五金、锂电等行业。
- 箱体内带两套层架式升降机构，入料侧装上升烘烤装置，出料侧装下降烘烤装置，物料通过输送线自动进出烤箱，
- 因为是立式层架结构，可以大大节省设备占地面积及减少能耗。
- 设备前后装有上下料机手，实现在线式自动流水作业

设备特点:

- 采用电发热管加热，温度范围：常温 $\sim +200^{\circ}\text{C}$ (可调)，温度控制精度： $\pm 0.3^{\circ}\text{C}$ ，温度均匀度达到 $1.5^{\circ}\text{C}\%$ 。
- 内部采用强制式热风循环，确保炉内温度均匀。
- 炉体内部采用SUS304不锈钢板材，保持炉内洁净，设备外壳采用冷轧板制作表面烤漆处理，(设备也可采用全不锈钢结构制作)。
- 进出料输送：可采用不锈钢盖板链输送,速度变频可调。
- 安全保护：P.I.D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护

Product Introduction

- This explosion-proof oven is a type of oven designed for baking products that are prone to generating flammable and explosive gases. Besides the basic functions of a regular oven, it also pays special attention to safety. Its notable feature is that it is equipped with explosion-proof Windows and explosion-proof door latches, ensuring that it can effectively prevent explosion risks in high-temperature baking environments.

Equipment Features

- The maximum temperature can reach 280°C. Temperature control accuracy: $\pm 0.3^{\circ}\text{C}$, and temperature uniformity reaches 1.5°C .
- It is controlled by an intelligent digital display temperature controller. The equipment is equipped with an automatic setting function and will automatically cut off power to stop heating when the temperature exceeds the limit.
- The inner tank is made of stainless steel plates with precise welding, and will not rust or deform when used at high temperatures for a long time.
- Equipped with an air - moving motor, the air inside the oven circulates automatically.
- Equipped with air intake and exhaust valves, the air intake volume can be adjusted.



产品介绍：

- 该防爆烤箱是一款用于烘烤产品时易产生易燃易爆气体的烤箱,它除了具备常规烤箱的基本功能外, 它还特别注重安全。其显著特点是配备了防爆窗和防爆门扣, 确保在高温烘烤环境下, 能够有效防止爆炸风险。

设备特点：

- 最高温度可达280度,温度控制精度： $\pm 0.3^{\circ}\text{C}\%$ ，温度均匀度达到 $1.5^{\circ}\text{C}\%$ 。
- 采用智能数显温度控制仪控制，设备带自动整定功能，超温时自动断电停止加热。
- 内胆采用不锈钢板精密焊接而成，长期在高温下使用不会生锈变形。
- 配运风马达, 烤箱内空气自动循环，
- 配进气、排气阀门，可调节进风量

爆炸性环境用烤箱

Ovens for explosive environments

Product Introduction

- It is widely used in factories, mines, enterprises, petroleum, chemical industry, medical and pharmaceutical industries, scientific research in colleges and universities, scientific research laboratories, paint and coatings and other related fields.
- This explosion - proof oven adopts special design and manufacturing processes, so that it can effectively prevent the danger of fire or explosion caused by sparks, electric arcs, etc. during use.

Equipment Features

- Explosion-proof electrical components are adopted: All the internal electrical components are explosion-proof types, such as explosion-proof motors and explosion-proof switches. These electrical components have undergone strict explosion-proof treatment during the design and manufacturing process and possess high explosion-proof performance.
- The explosion-proof structure design is adopted: An explosion-proof layer is set up inside the oven to separate the areas where sparks and arcs may occur from other areas, thereby effectively preventing the danger of fire or explosion caused by sparks, arcs, etc.
- Adopting a sealed structure: The sealed structure is designed tightly, which can effectively prevent external fire sources from entering the oven interior and at the same time prevent internal flames from spreading to the outside, thereby reducing the risk of fire or explosion.
- The maximum temperature can reach 280 degrees, with temperature control accuracy of $\pm 0.3^{\circ}\text{C}\%$ and temperature uniformity reaching $1.5^{\circ}\text{C}\%$.
- It is controlled by an intelligent digital display temperature controller. The equipment is equipped with an automatic setting function and will automatically cut off power to stop heating when the temperature exceeds the limit.
- The inner tank is precisely welded from stainless steel plates and will not rust or deform even when used at high temperatures for a long time.
- Equipped with a fan motor, the air inside the oven circulates automatically.
- It is equipped with an exhaust device and an intake port adjustment device to keep the concentration of flammable gas inside the box always within a safe range.



产品介绍:

- 广泛用于厂矿企业、石油、化工、、医疗制药、大专院校科研、科研实验室、油漆涂料等相关领域。
- 该防爆烤箱采用了特殊的设计和制造工艺，使其在使用过程中能够有效地防止火花、电弧等引发火灾或爆炸的危险。

设备特点:

- 采用防爆电器元件:内部的电器元件均采用防爆型电器元件，如防爆电机、防爆开关等，这些电器元件在设计 and 制造过程中都经过了严格的防爆处理，具有较高的防爆性能。
- 采用隔爆结构:结构设计采用了隔爆结构，即在烘箱内部设置了隔爆层，将可能产生火花、电弧的区域与其他区域隔离开来，从而有效地防止火花、电弧等引发火灾或爆炸的危险。
- 采用密封结构:密封结构设计严密，能够有效地阻止外部火源进入烘箱内部，同时防止内部火焰扩散到外部，从而降低火灾或爆炸的风险。
- 最高温度可达280度, 温度控制精度: $\pm 0.3^{\circ}\text{C}\%$ ，温度均匀度达到 $1.5^{\circ}\text{C}\%$ 。
- 采用智能数显温度控制仪控制，设备带自动整定功能，超温时自动断电停止加热。
- 内胆采用不锈钢板精密焊接而成，长期在高温下使用不会生锈变形。
- 配运风马达，烤箱内空气自动循环，
- 配排气装置和进气口调节装置, 使箱内可燃气体浓度始终处于安全范围内。

IR红外线洁净隧道炉

IR infrared clean tunnel furnace

Product Introduction

- Application: It is used in industries and fields such as electronics, semiconductors, touch screens, LCD, LED, PCB, hardware, plastics, aerospace materials, food, medicine, and medical care!

Equipment Features

- It is heated by quartz-coated IR infrared heating tubes. The temperature range is from room temperature to +220°C(adjustable). The temperature control accuracy is $\pm 0.3^{\circ}\text{C}$ %, and the temperature uniformity reaches 1.5°C%.
- It adopts a 100-level dust-free, high-temperature resistant and high-efficiency filter, with a clean grade of CLASS1000.
- Forced hot air circulation is adopted to ensure uniform temperature inside the furnace.
- The conveyor belt can be made of Teflon mesh belt, stainless steel mesh belt or plate chain conveyor. The deviation correction function of the conveyor line belt can prevent the conveyor belt from deviating.
- The interior of the furnace body is made of SUS304 stainless steel plates to keep the furnace clean. The outer shell is made of cold-rolled plates, and the surface of the equipment is treated with baking varnish.



产品介绍:

- 用途：用于电子、半导体、触摸屏、LCD、LED、PCB、五金、塑胶、航空航天材料、食品、医药、医疗等行业领域！

设备特点:

- 采用石英镀膜IR红外线加热管加热，温度范围：常温~+220°C(可调)，温度控制精度： $\pm 0.3^{\circ}\text{C}$ %，温度均匀度达到1.5°C%。
- 采用百级无尘耐高温高效过滤器，洁净等级CLASS1000。
- 采用强制式热风循环，确保炉内温度均匀。
- 输送带可采用铁氟龙网带、不锈钢网带或板链输送，输送线带纠偏功能可防止输送带跑偏。
- 炉体内部采用SUS304不锈钢板材，保持炉内洁净，外壳采用冷轧板制作，设备表面采用烤漆处理。

热风洁净隧道炉

Hot air clean tunnel furnace

Product Introduction

- Application: Electronics, semiconductor, food, medicine, medical and other industries.

Equipment Features

- Heated by electric heating tubes. Temperature range: Room temperature $\sim +250^{\circ}\text{C}$ (adjustable). Temperature control accuracy: $\pm 0.3^{\circ}\text{C}$, and temperature uniformity reaches 1.5°C .
- Adopt class 100 dust - free and high - temperature - resistant high - efficiency filter, with a cleanliness level of CLASS1000.
- Forced hot air circulation is adopted inside to ensure uniform temperature in the furnace.
- For transmission, Teflon mesh belt, stainless steel mesh belt or plate chain transmission can be adopted, with an edge - correcting function to prevent the conveyor belt from deviating.
- The interior of the furnace body is made of SUS304 stainless steel plates to keep the furnace clean. The equipment shell is made of cold-rolled plates and treated with surface baking varnish..
- Safety protection: The equipment is equipped with P.I.D self-tuning, automatic constant temperature, over-temperature alarm, leakage protection, motor overload protection, and phase loss and reverse phase protection functions.



产品介绍:

用途: 电子、半导体、食品、医药、医疗等行业。

设备特点:

- 采用电发热管加热, 温度范围: 常温 $\sim +250^{\circ}\text{C}$ (可调), 温度控制精度: $\pm 0.3^{\circ}\text{C}$ %, 温度均匀度达到 1.5°C %。
- 采用百级无尘耐高温高效过滤器, 洁净等级CLASS1000。
- 内部采用强制式热风循环, 确保炉内温度均匀。
- 传动可采用铁氟龙网带、不锈钢网带或板链输送, 机构带纠偏功能可防止输送带跑偏。
- 炉体内部采用SUS304不锈钢板材, 保持炉内洁净, 设备外壳采用冷轧板制作, 表面烤漆处理。
- 安全保护: 设备带P.I.D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护功能。

轨道宽度可调隧道炉

Tunnel furnace with adjustable track width

Product Introduction

- The equipment is mainly used for PCB production in the 3C industry..

Equipment Features

- Heating rate: 8°C/min
- Air supply method: Three - side circulating air supply or horizontal circulating air supply
- Conveyor line: It is a stainless steel side roller chain conveyor line with adjustable track width and variable frequency speed。
- Heating: Adopt stainless steel 304 heating tubes with heat - dissipating fins for heating.
- Equipment material: The shell is made of 1.5mm thick cold-rolled steel plate by bending and welding, and the inner tank is made of 1.2mm thick 304 # stainless steel plate
- Safety protection: PID self - tuning, automatic constant temperature, automatic timing, timing alarm and power - off when the temperature is reached, over - temperature power - off, power - off protection, motor overload protection, and other functional protections
- Temperature control: Adopt an intelligent temperature controller, PID automatic calculation, LED display, cooperate with SSR solid - state relay output or SCR power regulator output, and can accurately control the temperature precision



产品介绍:

设备主要用于3C行业PCB计生产。

设备特点:

- 升温速率: 8度/min
- 运风方式: 三面循环运风或水平循环运风.
- 输送线: 为不锈钢侧滚轮链条输送线, 轨道宽度可调, 速度变频可调.
- 加热: 采用带散热翘片不锈钢304发热管加热.
- 设备材质: 外壳采用1.5mm厚冷轧钢板折弯焊接而成, 内胆采用1.2mm厚304 # 不锈钢板制作.
- 安全保护: PID自整定、自动恒温、自动计时、温度到后定时报警断电、超温断电、断电保护、电机过载保护等功能保护;
- 温度控制: 采用智能型温度控制器, PID自动演算, LED显示, 配合SSR固态继电器输出或配合SCR电力调整器输出, 能精确控制控制温度之精确度

半导体行业洁净隧道炉

Clean tunnel furnaces in the semiconductor industry

Product Introduction

- The equipment is mainly used in industries such as semiconductor, LCM, LCD, LED, MLCC, TFT, PCB computer, and pharmaceutical.

Equipment Features

- Heating rate: 8°C/min
- Air supply method: Three - side circulating air supply or horizontal circulating air supply
- Conveyor belt: Teflon mesh belt, variable frequency and adjustable speed
- Heating: Adopt stainless steel 304 heating tubes with heat - dissipating fins for heating.
- Equipment material: The shell is made of 1.5mm thick cold-rolled steel plate by bending and welding, and the inner tank is made of 1.2mm thick 304 stainless steel plate
- Safety protection: PID self - tuning, automatic constant temperature, automatic timing, timing alarm and power - off when the temperature is reached, over - temperature power - off, power - off protection, motor overload protection, and other functional protections
- Temperature control: Adopt an intelligent temperature controller, PID automatic calculation, LED display, cooperate with SSR solid - state relay output or SCR power regulator output, and can accurately control the temperature precision



产品介绍:

设备主要用于半导体、LCM、LCD、LED、MLCC、TFT、PCB计算机、制药等行业

设备特点:

- 升温速率: 8度/min
- 运风方式: 三面循环运风或水平循环运风
- 输送带: 特氟龙网带, 速度变频可调
- 加热: SUS304#带散热翅片不锈钢发热管加热
- 设备材质: 外壳采用1.5mm厚冷轧钢板折弯焊接而成, 内胆采用1.2mm厚304#不锈钢板制作
- 安全保护: PID自整定、自动恒温、自动计时、温度到后定时报警断电、超温断电、断电保护、电机过载保护等功能保护
- 温度控制: 采用智能型温度控制器, PID自动演算, LED显示, 配合SSR固态继电器输出或配合SCR电力调整器输出, 能精确控制温度的精度

多层输送隧道炉

Multi-layer conveying tunnel furnace

Product Introduction

- Mainly used for product production in new energy industries such as powder, food, and lithium electricity.

Equipment Features

- Conveying structure: The equipment is equipped with an upper, middle, and lower three - layer plate chain conveyor line. Products are sent in from the top layer, then to the middle layer, and finally sent out through the lower layer.
- Control method: Controlled by PLC + touch screen. Temperature data can be saved or uploaded at any time as needed.
- Safety protection: Safety protection devices such as explosion - proof ports, gas analyzers, and atmosphere protection can be added as needed. Electrical appliances such as heating plates adopt an explosion - proof structure to ensure the safe use of the equipment.
- Heating: Electric heating plates are used. Temperature range: Room temperature ~ +250°C (adjustable). Temperature control accuracy: $\pm 0.3^{\circ}\text{C}$, and temperature uniformity reaches 1.5°C .
- Circulation: Forced hot air circulation is adopted inside to ensure uniform temperature inside the furnace.
- Transmission and conveying: Both sides of the transmission are conveyed by stainless steel plate chains with edge guards. The inlet and outlet are equipped with loading and unloading funnels, which is convenient for loading and unloading and docking with pre - production line equipment.
- Material: The interior of the furnace body is made of SUS304 stainless steel plate to keep the interior clean. The outer shell of the equipment is made of cold - rolled plate with surface baking paint treatment (the equipment can also be made of an all - stainless - steel structure).
- Temperature control protection: PID self - tuning, automatic constant temperature, over - temperature alarm, leakage protection, motor overload protection, and phase - loss and reverse - phase protection.



产品介绍:

主要用于粉末、食品、锂电等新能行业产品生产。

设备特点:

- 该设备设有上中下三层板链输送线，产品从顶层送入，然后送到中层，最后通过下层送出产品；
- 控制方式：用PLC+触摸屏控制，温度数据可根据需要随时保存，或上传。
- 安全防护：可根据需要增加防爆口，气体分析仪、气氛保护等安全保护装置，发热板等电器采用隔爆结构，确保设备使用安全
- 设备采用电发热板加热，温度范围：常温~+250°C(可调)，温度控制精度： $\pm 0.3^{\circ}\text{C}$ %，温度均匀度达到 1.5°C %。
- 内部采用强制式热风循环，确保炉内温度均匀。
- 传动两侧带护边不锈钢板链输送，出入口带上下料漏斗，方便上下料以与及前产线设备对接。
- 炉体内部采用SUS304不锈钢板材，保持炉内洁净，设备外壳采用冷轧板制作表面烤漆处理，(设备也可采用全不锈钢结构制作)。
- 温度控制保护：P.I.D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护，

灌胶固化炉

Glue injection curing furnace

Product Introduction

- Mainly used for glue - filling and curing of capacitors.

Equipment Features

- The equipment adopts a dual-channel structure. Each channel is equipped with two layers of conveyor lines, upper and lower. Each layer of conveyor line is provided with a stop mechanism. There are automatic doors at the front and back of each channel, which automatically open or close, effectively reducing the impact of product entry and exit on the baking temperature.
- The oven is equipped with automatic loading and unloading machines at the front and back
- It is heated by electric heating tubes. The temperature range is from room temperature to +150°C(adjustable). The temperature control accuracy is $\pm 0.3^{\circ}\text{C}$ %, and the temperature uniformity reaches 1.5°C%.
- The interior adopts a forced hot air circulation system, which not only saves energy but also ensures uniform temperature inside the furnace.
- The interior of the furnace body is made of SUS304 stainless steel plates to keep the furnace clean. The equipment shell is made of cold-rolled plates and the surface of the shell is treated with baking varnish. (The equipment can also be made of all stainless steel structure) .
- Conveyor belt: It can be conveyed by stainless steel mesh belt or plate chain, and the speed can be adjusted by frequency conversion.
- Safety protection: P.I.D self-tuning, automatic constant temperature, over-temperature alarm, leakage protection, motor overload protection, and phase loss and reverse phase protection



产品介绍:

主要用于电容器灌胶固化。

设备特点:

- 设备为双通道结构，每通道带上下两层输送线，每层输送线设有挡停机构，每通道前后设有自动门，门自动打开或关闭,能有效减少产品进出对烘烤温度的影响。
- 烤炉前后配自动上下料机。
- 采用电发热管加热，温度范围：常温~+150°C(可调)，温度控制精度： $\pm 0.3^{\circ}\text{C}$ %，温度均匀度达到1.5°C%。
- 内部采用强制式热风循环，节能同时确保炉内温度均匀。
- 炉体内部采用SUS304不锈钢板材，保持炉内洁净，设备外壳采用冷轧板制作，外壳表面烤漆处理，(设备也可采用全不锈钢结构制作)。
- 输送带：可采用不锈钢网带或板链输送,速度变频可调节。
- 安全保护：P.I.D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护

Product Introduction

- Mainly used in new energy industries such as motors, transformers, and hardware.

Equipment Features

- Heated by electric heating tubes. Temperature range: Room temperature $\sim +300^{\circ}\text{C}$ (adjustable). Temperature control accuracy: $\pm 0.3^{\circ}\text{C}$, and temperature uniformity reaches 1.5°C .
- Forced hot air circulation is adopted inside, which saves energy and ensures uniform temperature in the furnace.
- The inside of the furnace body is made of SUS304 stainless steel plate to keep the inside of the furnace clean. The outer shell of the equipment is made of cold - rolled plate with surface baking paint treatment (the equipment can also be made of all - stainless - steel structure).
- Conveyor belt: Stainless steel mesh belt or plate chain conveyor can be adopted, and the speed can be adjusted by frequency conversion.
- Safety protection: P.I.D self - tuning, automatic constant temperature, over - temperature alarm, leakage protection, motor overload protection, phase - loss and reverse - phase protection.



产品介绍:

- 主要用于电机、变压器、五金等新能行业

设备特点:

- 采用电发热管加热，温度范围：常温 $\sim +300^{\circ}\text{C}$ (可调)，温度控制精度： $\pm 0.3^{\circ}\text{C}$ ，温度均匀度达到 1.5°C 。
- 内部采用强制式热风循环，节能同时确保炉内温度均匀。
- 炉体内部采用SUS304不锈钢板材，保持炉内洁净，设备外壳采用冷轧板制作表面烤漆处理，(设备也可采用全不锈钢结构制作)。
- 输送带：可采用不锈钢网带或板链输送,速度变频可调节。
- 安全保护：P.I.D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护

天然气加热炉

Natural gas heating furnace

Product Introduction

- Mainly used in the production of food, hardware and other industries. The equipment adopts gas heating and can be matched with assembly line production, saving manpower and material resources, and improving production efficiency and output.

Equipment Features

- Advanced proportional control baking makes the baked products more uniform and energy - saving.
- Equipped with protection devices such as residual extraction device, over - pressure and low - pressure protection, automatic detection system for excessive concentration, automatic detection system for flameout, etc., making it safer to use.
- The inside of the furnace body is made of SUS304 stainless steel plate to keep the inside of the furnace clean. The outer shell of the equipment is made of cold - rolled plate with surface baking paint treatment.
- Adopt high - quality and thickened thermal insulation materials to save energy.
- Conveyor belt: Adopt stainless steel mesh belt or plate chain conveyor, with variable frequency and adjustable speed.
- An intelligent human-machine system can be selected. The equipment is equipped with a touch screen, making operation intuitive and simple.



产品介绍:

- 主要用于食品、五金等行业生产,设备采用燃气加热,可配套流水线生产,节省人力物力,提高生产效率和产量

设备特点:

- 先进的比例控制烘烤,使烘烤产品更均匀更节能;
- 装有抽残留装置、超压低压保护、浓度超标自动检测系统、熄火自动检测系统等保护装置,使用更安全;
- 炉体内部采用SUS304不锈钢板材,保持炉内洁净,设备外壳采用冷轧板制作表面烤漆处理。
- 采用优质加厚的保温材料节省能源;
- 输送带:采用不锈钢网带或板链输送,速度变频可调。
- 可选用智能人机系统,设备带触摸屏,操作直观简单;

锂电池正极材料生产线

Lithium battery cathode material production line

Product Introduction

- The equipment is mainly used in the production line of lithium battery cathode materials.

Equipment Features

- The equipment is divided into five major parts: fabric distribution, drying section (dehumidification), high-temperature section (fiber generation), cooling section (temperature reduction), and discharge.
- The equipment is heated by electric heating tubes, with a temperature range from room temperature to +300°C (adjustable). The temperature control accuracy is ± 3 degrees, and the temperature uniformity reaches 1.5°C%.
- The equipment adopts a forced hot air circulation system inside, which not only saves energy but also ensures uniform temperature inside the furnace.
- The heating temperature can be set in zones as needed. Production data can be recorded and stored or uploaded through the MES system
- Safety protection: Temperature P.I.D self-tuning, automatic constant temperature, over-temperature alarm, leakage protection, motor overload protection, and phase loss and reverse phase protection
- The discharge port is equipped with a iron filings removal device, which can remove iron filings from the products.
- The interior of the furnace body is made of SUS304 stainless steel plates to keep the furnace clean. The equipment shell is made of cold-rolled plates and treated with surface baking varnish. (The equipment can also be made of all stainless steel structure.)
- Conveyor belt: Stainless steel plate chain conveyor can be adopted, and the speed can be adjusted by frequency conversion.



产品介绍:

- 设备主要用于锂电池正极材料生产线

设备特点:

- 设备分为布料, 干燥段(除湿), 高温段(起纤), 冷却段(降温), 出料五大部分。
- 设备采用电发热管加热, 温度范从常温~+300°C(可调), 温度控制精度 ± 3 度, 温度均匀度达到1.5°C%。
- 设备内部采用强制式热风循环, 在节能同时确保炉内温度均匀。
- 加热温度可根据需要分区设置, 生产数据可记录存储也可通过MES系统上传。
- 安全保护: 温度P. I. D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护。
- 出料口设有除铁屑装置, 可去掉产品中铁屑。
- 炉体内部采用SUS304不锈钢板材, 保持炉内洁净, 设备外壳采用冷轧板制作表面烤漆处理, (设备也可采用全不锈钢结构制作)。
- 输送带: 可采用不锈钢板链输送, 速度变频可调节。

气氛炉 Atmosphere furnace

Product Introduction

- The equipment is mainly used for the continuous sintering of powder materials in an atmosphere.
- Ceramic roller conveyors are adopted, featuring a long conveying distance, convenient loading and unloading, and stable and reliable conveying..

Equipment Structure

1. Equipment structure: Mainly composed of a kiln body, an atmosphere control system, a temperature control system, and a transmission system.
2. Kiln body structure
 - a. It is divided into the transition zone, heating zone, cooling zone and cooling zone.
 - b. The furnace chamber is entirely built with light - weight mulliter efractory bricks in an arch structure, and the outer layer is made of ordinary fiber products.
 - c. Waste gas emission: A smoke exhaust chimney is set in the heating section, and a hand valve controls the waste gas emission to ensure that the atmosphere inside the furnace chamber is positive pressure.
 - d. Cooling zone: No heating. Many small holes are opened at the top/bottom of this section of the furnace chamber. A large amount of nitrogen is blown into the furnace chamber through the small holes to cool the saggars and workpieces.
 - e. Water - cooling section: It is a multi - section serpentine water channel made of copper water jackets, and cooling is carried out by water - cooling heat exchange.
 - f. Atmosphere sealing: The heating chamber and the transmission chamber are independently sealed. The inlet and outlet adopt a sealed gate structure, which can effectively ensure that the oxygen content is less than 10ppm.
 - g. The heating element is a quartz inner - threaded tube, and the heating elements are evenly arranged above and below the furnace chamber.

Temperature Control System

- Temperature control: PLC + touch screen + temperature control module to control the temperature.
- Temperature detection: Each temperature zone is equipped with a set of K - type thermocouples for temperature detection.
- Over - temperature protection: When the temperature exceeds the set value, the heating power supply is automatically cut off, and an acousto - optic alarm is given.
- Temperature control record: A paperless temperature control recorder is equipped to facilitate monitoring the temperature control trajectory of each zone.

Main Technical Parameters

1. Furnace chamber width: Set according to specific use requirements.
2. Conveying speed: 0 - 300mm/min (continuously adjustable).
3. Sintering temperature: Rated temperature 700 - 1200°C, maximum temperature 1200°C.
4. Sintering atmosphere: Nitrogen.
5. Heating element: Nitrogen wire/silicon carbide rod, rated working temperature 950°C.
6. Number of heating zones: Designed according to specific use requirements.
7. Temperature uniformity: $\leq \pm 5^\circ\text{C}$ (no - load).
8. Heating rate: $\geq 5^\circ\text{C}/\text{min}$.
9. Equipment power: Determined according to specific use requirements (the heat preservation power accounts for 35% - 45% of the total power).



产品介绍:

- 设备主要用于粉体材料在气氛下的连续性烧结。
- 采用陶瓷滚棒传送，可去除大量的工艺窑具，传送距离长，上、下料方便，传送平稳、可靠。

设备结构

1. 设备结构: 主要由窑体、气氛控制系统、温度控制系统和传输系统组成。
2. 窑体结构:
 - a. 分成过渡区、加热区、降温区和冷却区。
 - b. 炉膛全部采用轻质莫来石耐火砖拱形结构砌筑而成,外层为普通纤维制品。
 - c. 废气排放: 升温段设置有排烟囱, 手阀控制废气排放, 保证炉膛内部气氛为正压。
 - d. 降温区: 不加热, 在该段炉膛顶/底部开有许多小孔, 大量氮气通过小孔吹入炉膛, 对匣钵和工件进行降温。
 - e. 水冷段: 为多节蛇形水道钢制水套,利用水冷换热进行降温。
 - f. 气氛密封: 加热仓与传动仓独立密封, 进出口采用密封闸门结构, 能有效保证氧含量 $<10\text{ppm}$,
 - g. 加热: 加热元件为石英内穿丝管, 加热元件均匀布置在炉膛上下方。

温控系统:

1. 控温温控: PLC+触摸屏配合+温控温控模块控制温度。
2. 温度检测: 每个温区配一套K型热电偶热偶检测度。
3. 超温保护: 当温度超过设定值时, 自动切断加热电源, 并声光报警。
4. 温控记录: 配备无纸温控记录仪, 以便监测每区温控轨迹。

主要技术参数:

1. 炉膛宽度: 根据具体使用要求设定
2. 输送速度: 0~300mm/min (连续可调)
3. 烧结温度: 额定温度700-1200°C, 最高温度1200°C
4. 烧结气氛: 氮气
5. 加热元件: 加热丝/硅碳棒额定工作温度: 950度
6. 加热区数: 根据具体使用要求设计
7. 温度均匀度: $\leq \pm 5^\circ$ (空载)
8. 升温速率: $\geq 5^\circ/\text{分}$
9. 设备功率: 根据具体使用要求确定 (保温功率总功率的35%-45%)

多通道烤炉

Multi-channel Furnace

Product Introduction

- It is mainly used in the production of 3C industry parts, such as potting and curing of mobile phone chargers, and baking and fixing of LED car lamp grains after mounting.

Equipment Features

- The equipment can be designed as a single-layer or double-layer structure as required, with up to more than 20 channels. Each channel is equipped with a stop mechanism to enable the loading and unloading mechanisms at the front and back to automatically take and place materials.
- A return line can also be installed at the bottom of the equipment as needed to facilitate the return of the vehicle.
- The equipment is heated by electric heating tubes. The temperature range is from room temperature to $+150^{\circ}\text{C}$ (adjustable). The temperature control accuracy is $\pm 0.3^{\circ}\text{C}$ %, and the temperature uniformity reaches 1.5°C %.
- The interior adopts a forced hot air circulation system, which not only saves energy but also ensures uniform temperature inside the furnace.
- The interior of the furnace body is made of SUS304 stainless steel plates to keep the furnace clean. The equipment shell is made of cold-rolled plates and treated with surface baking varnish. (The equipment can also be made of all stainless steel structure.)
- Conveyor belt: It can be conveyed by stainless steel mesh belt or plate chain, and the speed can be adjusted by frequency conversion.
- Safety protection: P.I.D self-tuning, automatic constant temperature, over-temperature alarm, leakage protection, motor overload protection, and phase loss and reverse phase protection



产品介绍:

主要用于3C行业零件生产，如手机充电器灌胶固化，LED车灯晶粒贴装后烘烤固定。

设备特点:

- 设备可根据需要设计为单层或双层结构，通道数可达20多条，每条通道设有挡停机构，
- 设备前后对接的上下料机构，自动取放料；
- 设备底部也可根据需要加装回流线，以便载具回流；
- 设备采用电发热管加热，温度范围：常温 $\sim +150^{\circ}\text{C}$ (可调)，温度控制精度： $\pm 0.3^{\circ}\text{C}$ %，温度均匀度达到 1.5°C %。
- 内部采用强制式热风循环，节能同时确保炉内温度均匀。
- 炉体内部采用SUS304不锈钢板材，保持炉内洁净，设备外壳采用冷轧板制作表面烤漆处理，(设备也可采用全不锈钢结构制作)。
- 输送带：可采用不锈钢网带或板链输送,速度变频可调节。
- 安全保护：P.I.D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护

无纺布烤炉

Non-woven Fabric furnace

Product Introduction

- The equipment is a key link in the non - woven fabric production line. It is mainly used to remove moisture or solvents in the fiber web, cure the adhesive, and finally shape the finished product.

Equipment Features

- Control method: Adopts PLC + touch screen control. Baking temperature and conveyor line speed can be set on the screen.
- Heating: Uses electric heating tubes. Temperature range: Room temperature ~ +200°C (adjustable). Temperature control accuracy: $\pm 0.3^{\circ}\text{C}$, and temperature uniformity reaches 1.5°C.
- Circulation: Forced hot air circulation is adopted inside, which saves energy and ensures uniform temperature inside the furnace.
- Material: The interior of the furnace body is made of SUS304 stainless steel plate to keep the interior clean. The outer shell of the equipment is made of cold - rolled plate with surface baking paint treatment (the equipment can also be made of an all - stainless - steel structure).
- Conveyor belt: Teflon mesh belt chain for conveying, and the speed can be adjusted by frequency conversion.
- Equipment capacity: 15M/minute.
- Safety protection: PID self - tuning, automatic constant temperature, over - temperature alarm, leakage protection, motor overload protection, and phase - loss and reverse - phase protection.



产品介绍:

- 设备是无纺布生产线中的关键环节，主要用于去除纤维网中的水分或溶剂，固化粘合剂，并最终定型成品。

设备特点:

- 控制方式：采用PLC+触摸屏控制，烘烤温度及输送线速度可在屏幕上设定；
- 加热：采用电发热管加热，温度范围：常温~+200°C(可调)，温度控制精度： $\pm 0.3^{\circ}\text{C}$ ，温度均匀度达到1.5%。
- 内部采用强制式热风循环，节能同时确保炉内温度均匀。
- 炉体内部采用SUS304不锈钢板材，保持炉内洁净，设备外壳采用冷轧板制作表面烤漆处理，(设备也可采用全不锈钢结构制作)。
- 输送带：铁氟龙网带链输送,速度变频可调节。
- 设备产能：15M/分钟
- 安全保护：P.I.D自整定、自动恒温、超温报警、漏电保护、电机过载保护、缺相反相保护

500标准型UV机

500 standard UV machine

Model	500 Type
Overall Dimensions	1300*800*1650MM
UV Light Source	2 sets of 2KW
Total Power	≈4.7KW
Conveyor Belt Width	500mm
Feed Inlet Height	30mm~150mm Adjustable
Conveyor Belt Height from Ground	H=800mm±20mm Adjustable
Temperature Control	Within 50℃
Conveyor Belt Material	Teflon Mesh Belt
Main Material of Equipment	The outer shell is made of cold - rolled steel plate by bending, with high - temperature spray molding on the surface
Equipment Power Supply	AC220V 50HZ/AC380V 3Φ 50HZ
Equipment Protection Devices	Leakage Protection Circuit Breaker, Motor Thermal Overload Protection
Equipment Features	1. Strong cooling air for UV light source.
	2. Air inlet filter is set in the inner tank to maintain good cleanliness.
	3. Forced cooling air mode, combined with filter plate, blocks infrared rays.
	4. UV lamp tube has stable energy and long service life.
	5. The operation interface is simple and clear.
	6. Leakage, overload, over - temperature, and abnormal emergency stop protection functions
Equipment Application Scope	Hardware, silk screen, glass, plastic, UV ink, UV spraying, coating experiments, etc.
Remarks	The above UV machines can be customized according to customer requirements, and non - standard UV machines of different specifications can be customized



型号	500型
外形尺寸	1300*800*1650
UV光源	2套2KW
总功率	≈4.7KW
输送带宽度	500mm
进料口高度	30mm~150mm 可调
输送带距离地面高度	H=800mm ± 20mm可调
温度控制	50℃以内
输送带材料	特氟龙网带
设备主体材质	外壳材质采用冷轧钢板折弯制作，表面高温喷塑
设备电源	AC220V 50HZ/ AC380V 3 ∅ 50HZ
设备保护装置	漏电保护断路器、电机热过载保护
设备特性	1、UV光源强制冷风。 2、内胆设有进气过滤，保持洁净度佳。 3、强制冷风方式，配合滤光板，阻挡红外线 4、UV灯管能量稳定，寿命长 5、操作界面，简单明了 6、漏电、过载、超温、异常紧急急停保护功能
设备适用范围	五金、丝印、玻璃、塑胶、UV油墨、UV喷涂、涂料实验等
备注	以上UV机均可根据客户要求定制、定制不同规格的非标准型UV机

700标准型UV机

700 standard UV machine



Model	700 Type
Overall Dimensions LWH(mm)	2000*1000*1680MM
UV Light Source	2 sets of 3KW
Total Power	≈7KW
Conveyor Belt Width	700mm
Feed Inlet Height	30mm~180mm Adjustable
Conveyor Belt Height from Ground	H=800mm±20mm Adjustable
Temperature Control	Within 50℃
Conveyor Belt Material	Teflon Mesh Belt
Main Material of Equipment	The outer shell is made of cold - rolled steel plate by bending, with high - temperature spray molding on the surface
Equipment Power Supply	AC220V 50HZ/AC380V 3Φ 50HZ
Equipment Protection Devices	Leakage Protection Circuit Breaker, Motor Thermal Overload Protection
Equipment Features	1. Strong cooling air for UV light source.
	2. Air inlet filter is set in the inner tank to maintain good cleanliness.
	3. Forced cooling air mode, combined with filter plate, blocks infrared rays.
	4. UV lamp tube has stable energy and long service life.
	5. The operation interface is simple and clear.
	6. Leakage, overload, over - temperature, and abnormal emergency stop protection functions
Application Scope	Hardware, silk screen, glass, plastic, UV ink, UV spraying, coating experiments, etc.
Remarks	The above UV machines can be customized according to customer requirements, and non - standard UV machines of different specifications can be customized

型号	700型
外形尺寸L*W*H(mm)	2000*1000*1680MM
UV光源	2套3KW
总功率	≈7KW
输送带宽度	700mm
进料口高度	30mm~180mm 可调
输送带距离地面高度	H=800mm ± 20mm可调
温度控制	50℃以内
输送带材料	特氟龙网带
设备主体材质	外壳材质采用冷轧钢板折弯制作，表面高温喷塑
设备电源	AC220V 50HZ/ AC380V 3Φ 50HZ
设备保护装置	漏电保护断路器、电机热过载保护
设备特性	1、UV光源强制冷风。 2、内胆设有进气过滤，保持洁净度佳。 3、强制冷风方式，配合滤光板，阻挡红外线 4、UV灯管能量稳定，寿命长 5、操作界面，简单明了 6、漏电、过载、超温、异常紧急急停保护功能
适用范围	五金、丝印、玻璃、塑胶、UV油墨、UV喷涂、涂料实验等
备注	以上UV机均可根据客户要求定制、定制不同规格的非标准型uv机

非标定制UV机

Non-standard customized UV machines

Model	Non - standard Customization
Overall Dimensions LWH(mm)	2200*900*1700
UV Light Source	2 sets of 3KW
Total Power	≈7KW
Conveyor Belt Width	50mm～450mm Adjustable
Feed Inlet Height	30mm～100mm Adjustable
Conveyor Belt Height from Ground	H=820mm±20mm Adjustable
Temperature Control	Within 50°C
Conveyor Belt Material	Stainless Steel Chain with Insert - chain Type Adjustable Track
Main Material of Equipment	The outer shell is made of cold - rolled steel plate by bending, with high - temperature spray molding on the surface
Equipment Power Supply	AC220V 50HZ/AC380V 3Φ 50HZ
Equipment Protection Devices	Leakage Protection Circuit Breaker, Motor Thermal Overload Protection
Equipment Features	1. Strong cooling air for UV light source.
	2. Air inlet filter is set in the inner tank to maintain good cleanliness.
	3. Forced cooling air mode, combined with filter plate, blocks infrared rays.
	4. UV lamp tube has stable energy and long service life.
	5. The operation interface is simple and clear.
	6. Leakage, overload, over - temperature, and abnormal emergency stop protection functions
Application Scope	Hardware, silk screen, glass, plastic, UV ink, UV spraying, coating experiments, etc.
Remarks	The above UV machines can be customized according to customer requirements, and non - standard UV machines of different specifications can be customized



型号	非标定制
外形尺寸 L*W*H(mm)	2200*900*1700
UV光源	2套3KW
总功率	≈7KW
输送带宽度	50mm～450mm 可调
进料口高度	30mm～100mm 可调
输送带距离地面高度	H=820mm ± 20mm可调
温度控制	50°C以内
输送带材料	不锈钢链条配插链式可调节轨道
设备主体材质	外壳材质采用冷轧钢板折弯制作，表面高温喷塑
设备电源	AC220V 50HZ/ AC380V 3 ∅ 50HZ
设备保护装置	漏电保护断路器、电机热过载保护
设备特性	1、UV光源强制冷风。 2、内胆设有进气过滤，保持洁净度佳。 3、强制冷风方式，配合滤光板，阻挡红外线 4、UV灯管能量稳定，寿命长 5、学操作界面，简单明了 6、漏电、过载、超温、异常紧急急停保护功能
设备适用范围	五金、丝印、玻璃、塑胶、UV油墨、UV喷涂、涂料实验等
备注	以上UV机均可根据客户要求定制、定制不同规格的非标准型UV机

LED UV固化机

LED UV curing machine

Product Introduction

- Mainly used for PCB dispensing curing, semiconductor exposure, screen printing, and ink curing.

Equipment Specifications and Main Technical Parameters:

- Conveyor line size: Can be customized according to needs.
- Surface curing method: LED curing.
- Light energy: Energy greater than $6000\text{mj}/\text{cm}^2$.
- Product surface temperature: Less than 55 degrees.
- Peak wavelength: $395\pm 5\text{nm}$.
- Service life: Normal service life reaches 15000 hours.
- Initial luminous intensity: Above $900\text{mW}/\text{cm}^2$.
- Irradiation intensity adjustment: 0~100% (adjustable).
- Cooling method: Water cooling.
- Conveying speed: Controlled by a motor frequency converter, adjustable from 0.1 - 6 meters per minute, and can be set on the human - machine interface.
- Adopt human - machine PLC control.



产品介绍:

- 主要用于PCB点胶固化、半导体曝光、丝网印刷、油墨固化。

设备规格及主要技术参数:

- 1) 输送线尺寸: 可根据需要定制
- 2) 面固化方式: LED固化。
- 3) 光积量: 能量大于 $6000\text{mj}/\text{cm}^2$ 。
- 4) 产品表面温度: 小于55度。
- 5) Peak波长: $395\pm 5\text{nm}$ 。
- 6) 使用寿命: 正常使用寿命达15000小时。
- 7) 初期发光强度: $900\text{mW}/\text{cm}^2$ 以上。
- 8) 照射强度调节: 0~100% (可调)
- 9) .冷却方式: 水冷。
- 10) 输送速度: 采用马达变频器控制0.1-6米每分钟可调, 可在人机设定。
- 11) 采用人机PLC控制

防爆UV固化机

Explosion-proof UV curing machine

Product Introduction

- Mainly used for plastic, UV ink, UV spraying, and coating experiments.

Equipment Specifications and Main Technical Parameters

1. Conveyor line size: Can be customized according to needs.
2. Surface curing method: UV curing.
3. Light energy: Energy greater than $6000\text{mj}/\text{cm}^2$.
4. Product surface temperature: Less than 55 degrees.
5. Irradiation intensity adjustment: 0~100% (adjustable).
6. Cooling method: Forced air cooling.
7. Conveying speed: Controlled by a motor frequency converter, adjustable from 0.1 - 6 meters per minute, and can be set on the human - machine interface.
8. Adopt human - machine PLC control.
9. Explosion - proof method:
 - a) Electrical components all use explosion - proof electrical components, such as explosion - proof motors, explosion - proof switches, etc. These electrical components have undergone strict explosion - proof treatment during the design and manufacturing process and have high explosion - proof performance.
 - b) Adopt a flame - proof structure: The structure design adopts a flame - proof structure. Electrical components are installed in an explosion - proof electrical box to isolate the area where sparks and electric arcs may be generated from other areas, thus effectively preventing the danger of fire or explosion caused by sparks, electric arcs, etc.



产品介绍:

- 主要用于塑胶、UV油墨、UV喷涂、涂料实验。

设备规格及主要技术参数:

- 1) 输送线尺寸: 可根据需要定制
- 2) 面固化方式: UV固化。
- 3) 光积量: 能量大于 $6000\text{mj}/\text{cm}^2$ 。
- 4) 产品表面温度: 小于55度。
- 5) 照射强度调节: 0~100% (可调)
- 6) .冷却方式: 强制风冷。
- 7) 输送速度: 采用马达变频器控制0.1-6米每分钟可调, 可在人机设定。
- 8) 采用人机PLC控制
- 9) 防爆方式:
 - a) 电器元件均采用防爆型电器元件, 如防电机、防爆开关等, 这些电器元件在设计和制造过程中都经过了严格的防爆处理, 具有较高的防爆性能。
 - b) 采用隔爆结构:结构设计采用了隔爆结构, 电器元件装在防爆电箱内, 将可能产生火花、电弧的区域与其他区域隔离开来, 从而有效地防止火花、电弧等引发火灾或爆炸的危险。

PCB、网印油墨行业UV机

UV machines for the PCB and screen printing ink industry

Model	Non - standard customization (for PCB, screen printing ink industries)
Overall Dimensions	2200*900*1700
UV Light Source	2 sets of 3KW
Total Power	≈7kW
Conveyor Belt Width	Adjustable from 50mm to 450mm
Feed Inlet Height	Adjustable from 30mm to 100mm
Conveyor Belt Height from Ground	H = 820mm±20mm, adjustable
Temperature Control	Within 50°C
Conveyor Belt Material	Stainless steel chain with plug - in chain - type adjustable track
Main Equipment Material	Shell material: Cold - rolled steel plate, bent and made, surface high - temperature spray - molded
Equipment Power Supply	AC220V 50HZ/AC380V 3c50HZ
Equipment Protection Devices	Leakage protection circuit breaker, electric heater overload protection
Equipment Features	1. Forced cold air for UV light source
	2. Air inlet filter inside the liner to maintain good cleanliness
	3. Forced cold air method, combined with light filter plate to block infrared rays
	4. UV lamp has stable energy and long service life
	5. Simple and clear operation interface
	6. Equipped with leakage, overload, over - temperature, and abnormal emergency stop protection functions
Equipment Application Range	Hardware, screen printing, glass, plastic, UV ink, UV spraying, coating experiments, etc.
Remarks	All the above UV machines can be customized according to customer requirements, and non - standard UV machines of different specifications can be customized



型号	非标定制(PCB、网印油墨行业)
外梨尺寸	2200*900*1700
UV光源	2套3KW
总功率	≈7KW
输送带宽度	50mm~450mm可调
进料口高度	30mm~100mm可调
输送带距离地面高度	H=820mm±20mm可调
温度控制	50℃以内
输送带材料	不锈钢链条配插链式可调节轨道
设备主体材质	外壳材质采用冷轧钢板折弯制作, 表面高温 喷塑
设备电源	AC220V 50HZ/AC380V 3c50HZ
设备保护装置	漏电保护断路器、电机热过载保护
设备特性	1、UV光源强制冷风
	2、内胆设有进气过滤, 保持洁净度佳
	3、强制冷风方式, 配合滤光板, 阻挡红外线
	4、UV灯管能量稳定, 寿命长
	5、学操作界面, 简单明了
	6、漏电、过载、超温、异常紧急急停保护 功能
设备适用范围	五金、丝印、玻璃、塑胶、UV油墨、UV喷涂、涂料实验等
备 注	以上UV机均可根据客户要求定制、定制不同 规格的非标准型UV机

五金、塑胶行业UV机
UV machines for the hardware and plastic industries

Model	Non - standard customization (for hardware, plastic industries)
Overall Dimensions	2500*1350*2050
UV Light Source	4 sets of 3KW
Total Power	≈15KW
Conveyor Belt Width	800mm
Feed Inlet Height	Adjustable from 30mm to 200mm
Conveyor Belt Height from Ground	H = 800mm±20mm, adjustable
Temperature Control	Within 55℃
Conveyor Belt Material	Stainless steel mesh belt
Main Equipment Material	Shell material: Cold - rolled steel plate, bent and made, surface high - temperature spray - molded
Equipment Power Supply	AC220V 50HZ/AC380V 3c50HZ
Equipment Protection Devices	Leakage protection circuit breaker, motor thermal overload protection
Equipment Features	1. Forced cold air for UV light source
	2. Air inlet filter inside the liner to maintain good cleanliness
	3. Forced cold air method, combined with light filter plate to block infrared rays
	4. UV lamp has stable energy and long service life
	5. Simple and clear operation interface
	6. Equipped with leakage, overload, over - temperature, and abnormal emergency stop protection functions
Equipment Application Range	Hardware, screen printing, glass, plastic, UV ink, UV spraying, coating experiments, etc.
Remarks	All the above UV machines can be customized according to customer requirements, and non - standard UV machines of different specifications can be customized



型号	非标定制(五金、塑胶行业)
外照尺寸	2500*1350*2050
UV光源	4套3KW
总功率	≈15KW
输送带宽度	800mm
进料口高度	30mm~200mm可调
输送带距离地面高度	H=800mm±20mm可调
温度控制	55℃以内
输送带材料	不锈钢网带
设备主体材质	外壳材质采用冷轧钢板折弯制作，表面高温 喷塑
设备电源	AC220V50HZ/AC380V 3c50HZ
设备保护装置	漏电保护断路器、电机热过载保护
设备特性	1、UV光源强制冷风
	2、内胆设有进气过滤，保持洁净度佳
	3、强制冷风方式，配合滤光板，阻挡红外 线
	4、UV灯管能量稳定，寿命长
	5、操作界面，简单明了
	6、漏电、过载、超温、异常紧急急停保护 功能
设备适用范围	五金、丝印、玻璃、塑胶、UV油墨、UV喷 涂、涂料实验等
备 注	以上UV机均可根据客户要求定制、定制不同 规格的非标准型UV机