



SUNEAST
日东科技



- Window视窗操作界面，支持Windows7操作系统
- 中英文简体自由切换，操作简单
- 完善的温度曲线分析、存储、调用功能
- 操作员注册口令，操作记录
- 运行参数数字化动态显示
- Windows operation interface,support windows7
- Freely switch between Chinese and English simplified, simple operation
- Perfect function of temperature profile analysis, storage and calls
- Operator password,operating log
- Operating parameter digital dynamic display

无铅热风回流焊

Lead-free hot air reflow oven

高热能 • 低能耗 • 热均衡

HIGH ENERGY EFFICIENCY
LOW ENERGY CONSUMPTION
EVEN HEAT DISTRIBUTION



服务热线：400-611-1260

芯成科技控股有限公司
总公司：香港九龙尖沙咀柯士甸道西1号环球贸易广场69楼02-03室
电话：(852) 2342 7788 传真：(852) 2343 3120
苏州办事处：苏州市虎丘区枫桥街道景福天著花园13栋2单元304室
武汉办事处：武汉市武昌区中南路10号鹏程时代28-11
南昌办事处：南昌市世纪中央城11栋1单元2504房
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湖南办事处：长沙市金轮星光名座6栋19层1905

日东智能装备科技(深圳)有限公司
深圳公司：深圳市宝安区福永街道白石厦东区新塘日东工业园
前台电话：(86-755) 2733 0313 销售电话：(86-755) 3337 1695
宁波办事处：宁波市江北区滨悦华庭1幢1号1304
郑州办事处：郑州市安纳西庄园N12-704
厦门办事处：福建省厦门市湖里区长浩一里35号502室
杭州办事处：杭州市余杭区中泰街道金岸堤香5栋1单元203室
西安办事处：陕西省西安市高新六路北口中国铁建瑞园2栋10707室

www.suneast.com.cn

公司简介

Company profile

日东科技1984年成立于香港，1999年在深圳建立工业园，2000年在香港上市（股票代码0365.HK），为芯成科技控股旗下核心企业。

日东科技配备了现代化的产业园和先进的研发实验设施，具有雄厚的研发、设计、生产、自动化、信息化装备制造的系统集成能力，销售网络遍布全球。与清华大学、香港中文大学、香港科技大学、哈尔滨工业大学达成技术战略合作研发实力达到国内外先进水平。

在粤港澳大湾区的核心地带，日东科技已服务半导体后端应用客户超过四十年，公司的下游及终端客户包括华为、中兴、TCL、富士康、木林森、光弘、德赛、聚飞等。公司自主研发的回流焊、波峰焊、选择性波峰焊、垂直炉、印刷机等产品在行业内始终保持技术领先地位，为国内外众多知名企业提供了专业的电子装备解决方案。“龙门双驱同步跟随直线电机”已成功应用到多个高速、高精度的装备制造和加工领域，得到用户的广泛赞誉。新推出IC贴合机等半导体封装设备，是日东科技的又一匠心力作，助力国产芯片产业发展壮大。如今，日东科技已成为中国智能装备行业的领导者。

作为芯成科技控股的核心企业，日东科技将坚定集团的战略目标，打造成为高科技领域的世界级一流企业。

Founded in Hong Kong in 1984, Suneast technology established its industrial park in Shenzhen in 1999 and listed on the main board of Hong Kong stock exchange in 2000 (Stock Code: 0365. HK), which is the core enterprise under Sino ICT Holdings Limited.

With modern industrial parks and advanced R&D facilities, Suneast technology has strong system integration capabilities in R&D, design, production, automation and information equipment manufacturing. Its sales network is all over the world. Suneast technology has been achieved technical strategic cooperation with Tsinghua University, Chinese University of Hong Kong, Hong Kong University of Science and Technology and Harbin Institute of Technology, and its R&D capabilities has reached the advanced level at home and abroad.

In the core area of Guangdong-Hong Kong-Macao Greater Bay Area, Suneast technology has served semiconductor back-end application customers for more than 40 years, its downstream and end customers include Huawei, ZTE, TCL, Hikvision, MLS LIGHTING, DBG, DESAYSV AUTOMOTIVE, SHENZHEN MTC, JFLED, etc.

The independent R&D products, like reflow oven, wave soldering machine, selective soldering machine, vertical oven, printer and etc has always maintained a leading position in technology, and provided professional electronic equipment solutions for many well-known enterprises at home and abroad. The dual drive gantry synchronous follow linear motor technology has been successfully applied to a number of high-speed and high-precision equipment manufacturing and processing fields, and gains great praise by users. The new semiconductor packaging equipment, like chip bonder is the masterpiece of Suneast technology, which helps the development of domestic chip industry. Today, Suneast technology has become the leader of China's intelligent equipment industry.

As the core enterprise of Sino ICT Holdings, Suneast technology will strengthen the strategic goal of the group and become a world-class enterprise in the field of high technology.



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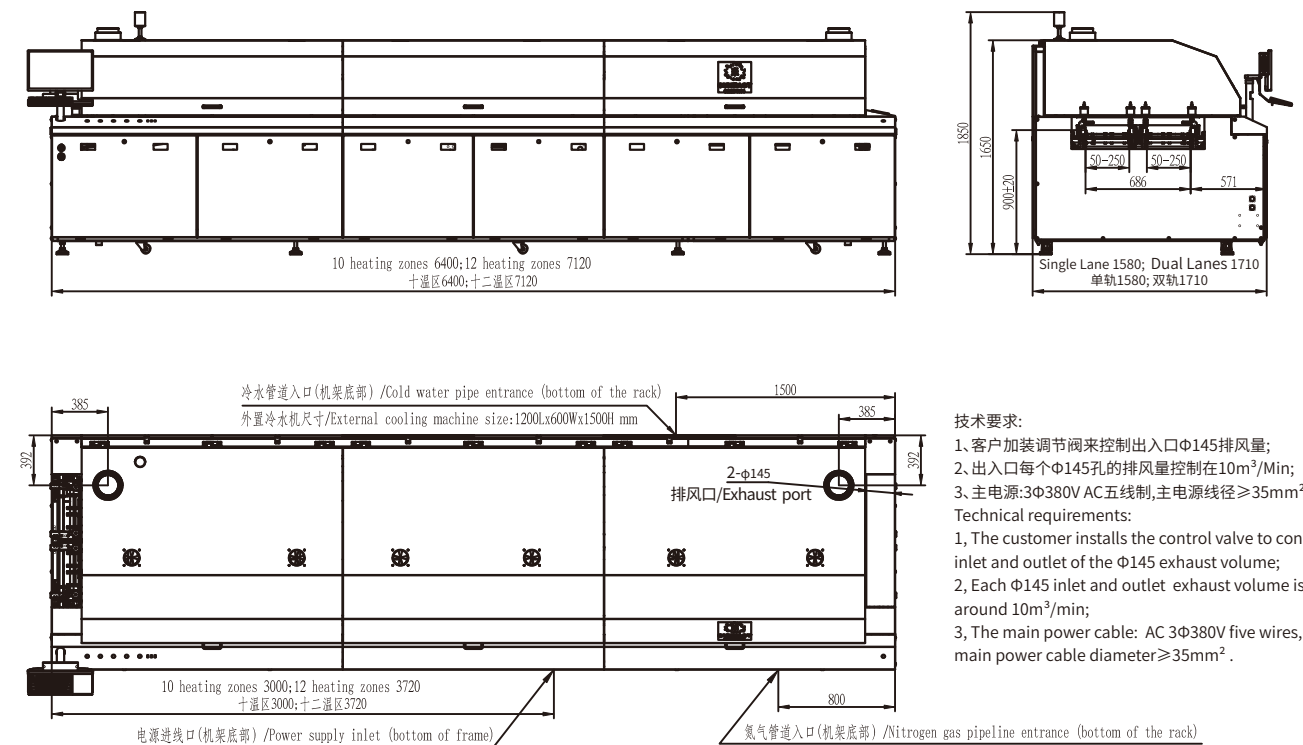
UXT系列产品特点

UXT SERIES PRODUCT FEATURES

- 高热能, 低能耗, 大功率马达匹配大风轮, 理论与实际的验证, 相同条件设定下, 可以保证大小元件吸热差做到最小, 达到最佳的热均衡性;
- 最新隔热技术加全新炉膛结构设计, 可有效降低炉表温度, 降低热损耗;
- 采用进口PLC程序控制器, 性能稳定可靠, 温度控制及曲线重复精度高;
- 采用双面导轨并特殊硬化处理, 坚固耐用, 可以重复性利用, 节省成本达50%以上;
- 可以在线维护松香回收系统, 全模块化设计, 维护保养方便快捷, 减少维护时间;
- 专利热风系统, 热风对流传导更高效, 热补偿更快;
- 自带炉温实时监控系統, 可以自动生成炉温曲线(选项);
- 智能化数据可追溯, 上传MES系统。

Schematic Diagram

整体示意图



- High heat energy, low energy consumption, high power motor matching wind wheel, theoretical and practical verification; under the same conditions set, can ensure the small and large components to achieve the minimum heat absorption difference, and achieve the best thermal balance;
- The latest thermal insulation technology and the new furnace structure design can effectively reduce the furnace surface temperature and reduce the heat loss;
- Imported PLC program controller, stable and reliable performance, high precision of temperature control and curve repetition;
- Double-sided guide rail with special hardening treatment, strong and durable, repeatable use, cost saving up to 50%;
- Online maintenance of rosin recycling system, modular design, convenient maintenance, reduce maintenance time;
- Patented hot air system, hot air convection conduction more efficient, faster heat compensation;
- Built-in real-time monitoring system of furnace temperature, which can automatically generate furnace temperature curve (option);
- Intelligent data can be traced and uploaded to MES system.



模块式结构，便于清洁及维护。前后回风设计，有效防止温区之间气流影响，保证温控精确。长寿命高性能热风马达。变频器控制，热风马达风速可调。

Heating module design is easy for maintenance and cleaning. Front and rear reflow design could insulate the heating effect between heating zones in order to achieve the accuracy temperature and longer life-time of hot-air-flow motors. Also by the frequent control of motors, the speed of air flow could be adjusted.



手动+电动调宽结构设计，配置紧急手动传输结构，以防断电烧坏炉膛内的PCB。

Manual + electric width adjustment structure design, equipped with emergency manual transmission structure in case of PCB burned when power off.



特殊调宽及传输结构设计，保证PCB传输稳定可靠，链条采用防卡板链条。

Special adjustable width and transmission design can ensure stable and reliable PCB transmission by anti-jammed chain.



高稳定性控制系统，功能强大。

High stability control system, powerful function.

UXT系列回流焊主要规格参数 UXT series reflow oven main specifications				
型号/Model No.	UXT-810/UXT-810N	UXT-812/UXT-812N	UXT-810/UXT-810N 双轨Dual tracks	UXT-812/UXT-812N 双轨Dual tracks
加热部分/Heating system				
温区配置/Heating zone structure	10温区，20加热模块 10 heating zones, 20 heating modules	12温区，24加热模块 12 heating zones, 24 heating modules	10温区，20加热模块 10 heating zones, 20 heating modules	12温区，24加热模块 12 heating zones, 24 heating modules
加热区长度/Heating zone length	3670mm	4390mm	3670mm	4390mm
升温时间/Heating up time	25min	25min	25min	25min
排风口直径，排量 Outlet exhaust diameter,volume	2-Ø145,排风量要求10m³/min x2 2-Ø145,Exhaust demand 10m³/min x2			
冷却部分/Cooling system				
冷却方式/Cooling type	三冷却区：强制水冷/Three cooling zones:forced water cooling			
冷却区长度/Cooling zone length	1250mm			
冷水机/Water cooler	外置冷水机/External Water chiller			
运输部分/Conveyor system				
传送方式/Conveyor type	链条+网带同步传送/Chain + mesh belt synchronous transmission			
运输方向/Conveying direction	左→右，右→左/L→R,R→L			
运输带高度/Converyor height	900±20mm			
基板元件高度/Component height	以链条加长轴为基准：+30mm;-25mm Clearance above 30mm,Clearance below 25mm			
传送速度/Conveyor speed	300mm-2000mm/min			
导轨结构/Guide rail structure	无尘特殊硬化导轨/Dust free special hardened guide rail			
基板宽度尺寸/PCB Width	min50mm-max400mm (可选配：max510mm) Min50mm-max400mm (Option: max510mm)		min50mm-max250mm (双轨同时 Dual tracks) min50mm-max450mm (双轨单用 Single track)	
导轨固定方式/Fixed rail mode	前端固定(选配：后端固定) Front rail Fixed(Option:Rear Rail Fixed)		前后两导轨固定，中间两导轨活动 The front and rear guide rails are fixed, and the middle two guide rails are movable	
控制部分/Control system				
电源/Power supply	AC3Ø 5W 380V 50/60HZ			
总功率/ Total power	96KW	117KW	96KW	117KW
启动功率/ Startup power	38KW	42KW	38KW	42KW
正常运行功率/Normal consumption	10KW	12KW	11KW	13KW
工作温度范围/Temp control range	室温-320°C/Room temperature to 320°C			
控制方式/Control type	PC+PLC控制系统/PC+PLC Control system			
温度控制精度/ Temp control accuracy	±1°C		±1°C	
PCB板温分布偏差/PCB temp deviation	±1.5°C		±2°C	
设置参数存储/Data storage	可存多种设置参数/Process Data and status stotage			
停电保护/Power outage protection	UPS延时关机/Equipped with UPS			
操作界面/Operation Interface	Windows中文简体，英文在线自由切换/Windows Chinese simplified, English online free switching			
氮气区域/N2 area	全程充氮气/Full nitrogen filling（型号带“N”为氮气机型）			
MES通讯协议/MES	标配/Standard			
电脑主机/Computer	商用大电脑/Commercial computer			
机体参数/General				
外形尺寸/Dimension(LxWxH)	6400x1580x1650mm	7120x1580x1650mm	6400*1710*1650mm	7120*1710*1650mm
重量/Weight	2500-2700kg	3000-3200kg	2900-3100kg	3500-3700kg
助焊剂回收系统/Flux recovery system	标配/Standard			
外观颜色/ Color	光亮皱纹白/Bright wrinkled white			



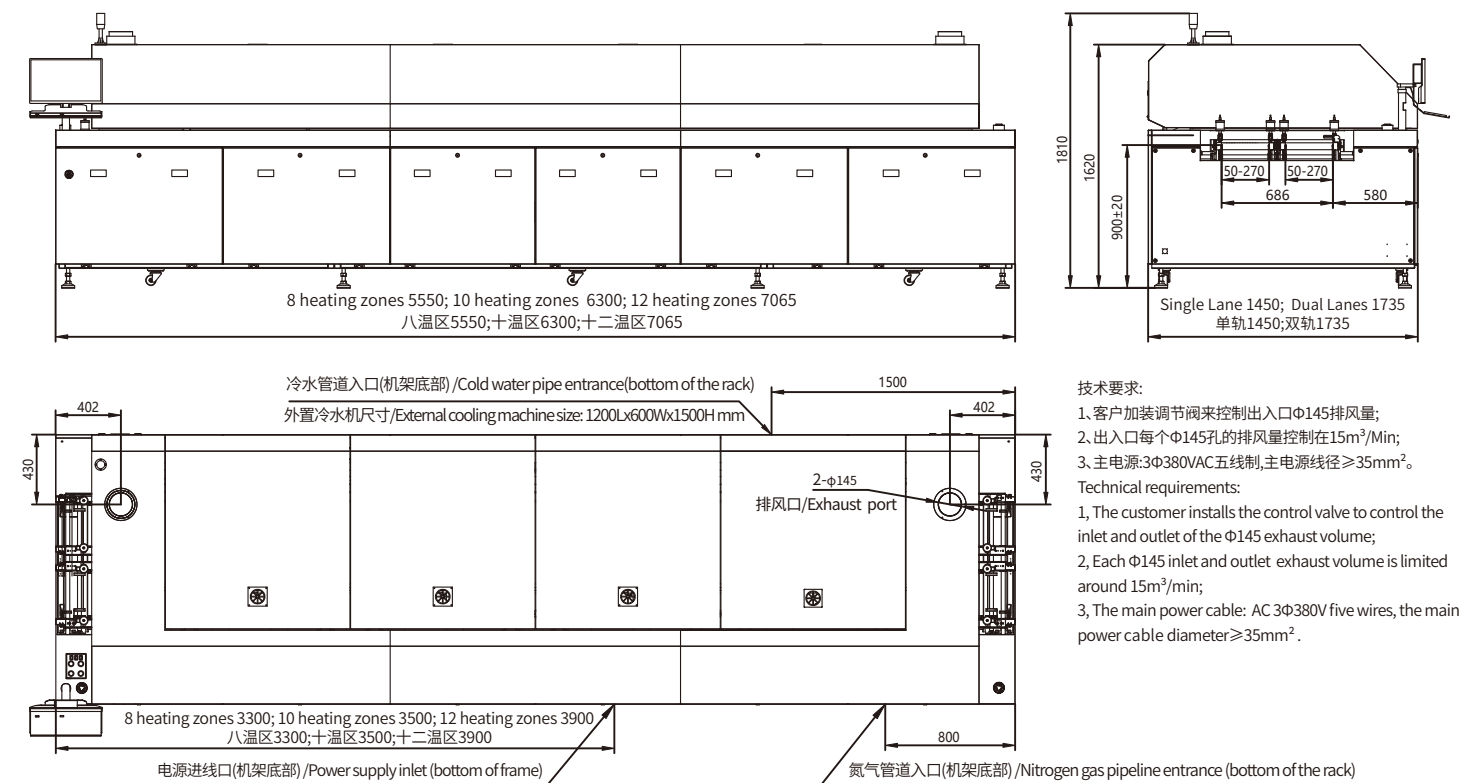
SST系列产品特点

SST SERIES PRODUCT FEATURES

- 采用双面导轨并特殊硬化处理，坚固耐用，互换性高；
- 采用不锈钢带挡边链条，防卡板，实用可靠；
- 新型助焊剂回收系统，全模块化设计，维护保养方便快捷，减少维护时间及成本；
- 专利热风系统，热风对流传导更高效，热补偿更快；
- 全新炉膛结构设计，多层隔热，有效降低工作环境温度。

Schematic Diagram

整体示意图



- Durable, interchangeable double-sided rails and special hardening;
- Adopt stainless steel belt chain with guard, anti-clamp, practical and reliable;
- New flux recovery system, full modular design, convenient and quick maintenance, reduce maintenance time and cost;
- Patented hot air system, more efficient, faster heat compensation;
- New furnace structure design, multi-layer heat insulation, effectively reduce the working environment temperature.

SST系列回流焊主要规格参数 SST series reflow oven main specifications							
型号/Model No.	SST-08A / SST-08N	SST-10A / SST-10N	SST-12A / SST-12N	SST-08DA / SST-08DN	SST-10DA / SST-10DN	SST-12DA / SST-12DN	
加热部分 / Heating System							
温区配置 / Heating Zone	8温区, 16加热模块 8 heating zones, 16 heating modules	10温区, 20加热模块 10 heating zones, 20 heating modules	12温区, 24加热模块 12 heating zones, 24 heating modules	8温区, 16加热模块 8 heating zones, 16 heating modules	10温区, 20加热模块 10 heating zones, 20 heating modules	12温区, 24加热模块 12 heating zones, 24 heating modules	
加热区长度 / Heating Length	3120mm	3870mm	4635mm	3120mm	3870mm	4635mm	
冷却方式 / Cooling Type	三冷却区: 强制风冷/水冷			Three cooling zones:forced air cooling/water cooling			
排风口直径, 排量 Outlet Exhaust Diameter,volume	2-Ø145,排风量要求15m³/min x2			2-Ø145,Exhaust demand 15m³/min x2			
运输部分 / Conveyor System							
基板宽度尺寸 / Product Width	min50mm-max400mm			min50mm-max270mm(双轨同时/Dual lanes simultaneously) min50mm-max500mm(双轨单用/Single lanes)			
运输方向 / Conveying Direction	左→右, 右→左 / L→R, R→L						
运输带高度 / Inlet height	900±20mm						
导轨固定方式 / Fixed rail mode	前端固定 / Front rail Fixed （选配: 后端固定 /Option:Rear Rail Fixed）			前后导轨固定, 中间两条活动 / Front and Rear Rails Fixed, central two rails are movavle.			
传送方式 / Conveyor type	链条+网带同步传送			/Chain + mesh belt synchronous transmission			
基板元件高度 / Component height	以链条加长轴为基准: +30mm;-25mm			/Clearance based on the rail: above 30mm,below 25mm			
传送速度 / Conveying Speed	300mm-2000mm/min						
控制部分 / Control System							
电源 / Power Supply	AC3Ø 5W 380V 50/60HZ						
总功率 / Total Power	59KW	73KW	91KW	70KW	89KW	108KW	
启动功率 / Startup Power	30KW	35KW	40KW	35KW	40KW	45KW	
正常运行功率 / Running Power	7.5KW	9.5KW	11.5KW	10KW	11.5KW	13KW	
工作温度范围 / Temperature Range	室温-320℃			/Room temp to 320℃			
控制方式 / Control type	PC+PLC控制系统			/PC+PLC Control system			
导轨调宽方式 / Rail Width Adjusting Mode	电动+手动			/Electric+Manual			
温度控制精度 / Temp Control accuracy	±1℃						
PCB板温分布偏差 / PCB Temp Deviation	±1℃			±2℃			
设置参数存储 / Data Storage	可存多种设置参数			/Process Data and status stotage			
停电保护 / Power Outage Protection	UPS延时关机			/Equipped with UPS			
操作界面 / Operation Interface	Windows中文简体, 英文在线自由切换			/Windows Chinese simplified, English online free switching			
机体参数 / General							
外形尺寸 / Dimension(LxWxH)	5550x1450x1620mm	6300x1450x1620mm	7065x 1450x1620mm	5550x1735x1620mm	6300x1735x1620mm	7065x1735x1620mm	
重量 / Weight	2200-2400kg	2600-2800kg	3000-3200kg	2700-2900kg	3000-3200kg	3300-3500kg	
外观颜色 / Color	光亮皱纹白 /Bright wrinkled white						



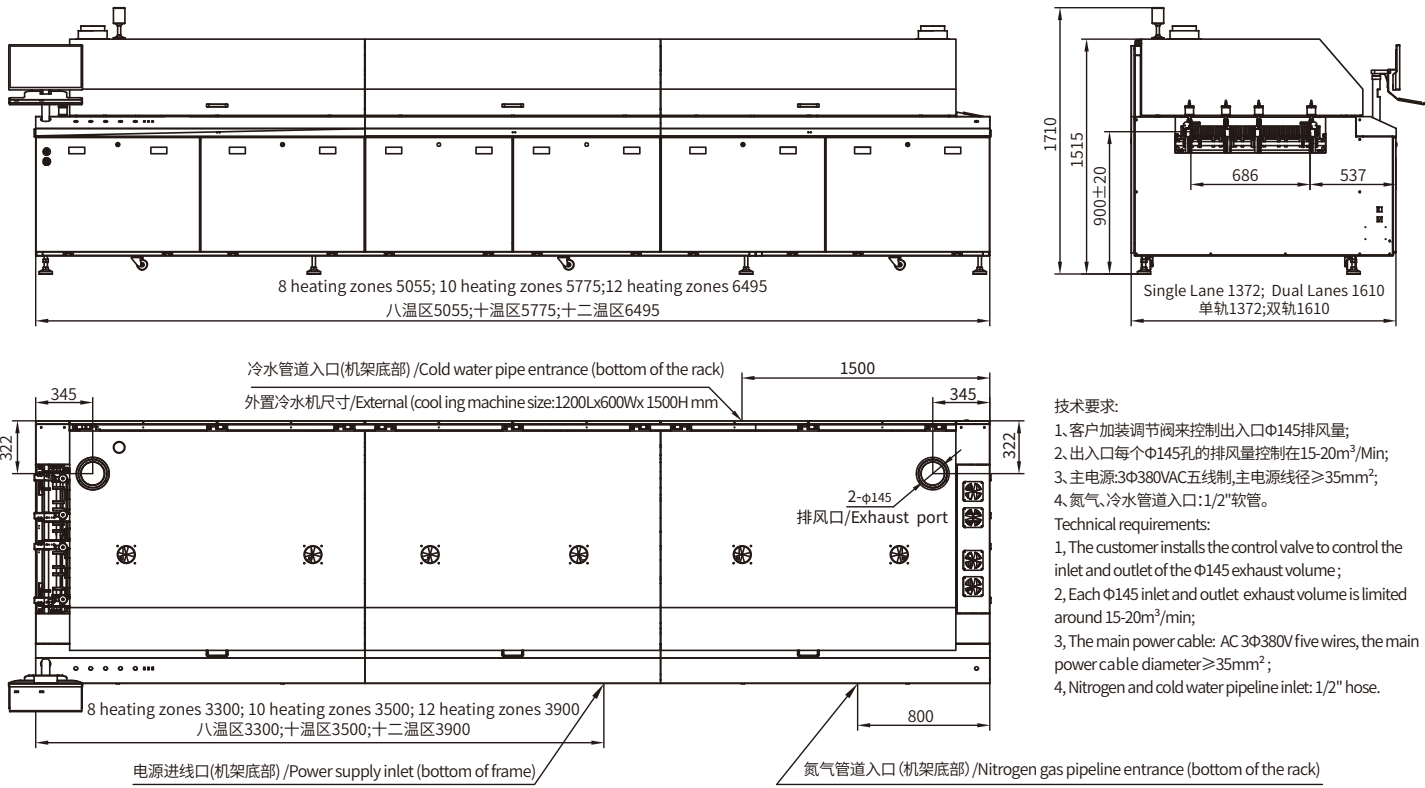
SER系列产品特点

SER SERIES PRODUCT FEATURES

- 高热能:专业的热能供应理论基础,通过合适发热功率与容积的匹配,保证大热能大供应。足够的热能使其产生的最佳热效率,从而做到较短加热区做到产能的最大化。
- 低耗能:理论的设计与实际的测试,通过客户的验证,获得最佳的重复性结果CPK值,也让众多客户在工厂现场看到最低的能耗。
- 热均衡:理论与实际的验证,与同行通过相同速度,相同温度设定下,保证大小元件吸热差做到最小,达到最佳均衡性。
- 大尺寸:在机体外形尺寸不变的情况下,能处理更大尺寸的PCB板,双轨可以同时过板300mm,双轨过单板可以达到550mm,能满足众多客户需求。

Schematic Diagram

整体示意图



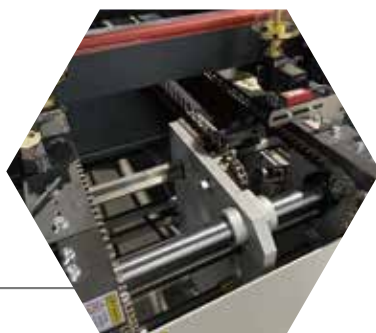
- High heat energy: professional heat energy supply theoretical basis, through matching the appropriate heating power and volume to ensure large heat energy supply. Sufficient thermal energy to generate optimal thermal efficiency, maximize the productivity in short heating zones.
- Low energy consumption: theoretical design and practical testing, through customer verification, obtain the best repeatability results CPK value, get the lowest energy consumption in the factory site.
- Thermal equalization: theoretical and practical verification, ensure to achieve the minimum heat absorption difference between small and large components with the same speed, the same temperature setting, achieve the best equilibrium.
- Large size: can handle larger size PCB in the same size machine; double tracks machine can produce PCB with 300 mm in width at the same time, and PCB with 550mm in width with single track setting, which can meet the demand of many customers.



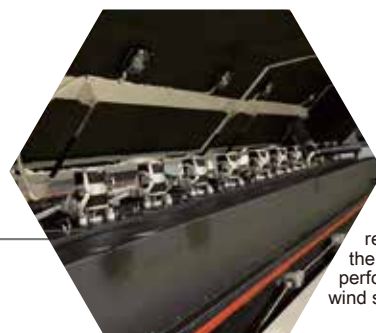
手动+电动调宽结构设计，配置紧急手动传输结构，以防断电烧坏炉膛内的PCB。
Manual + electric width adjustment structure design, equipped with emergency manual transmission structure in case of PCB burned when power off.



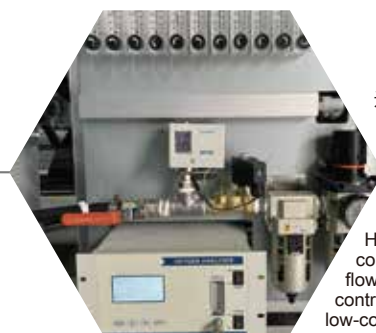
传输系统，防导轨变形结构设计，运输稳定可靠。
Conveyor system: stable and reliable anti-deformation structure design.



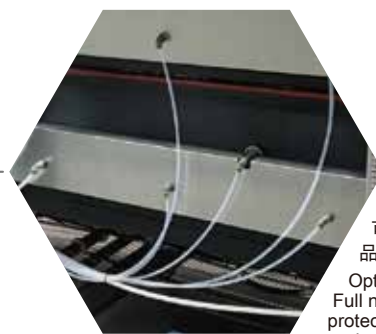
独立可调的中央支撑系统，防止PCB板拼板受热变形，无网带。(选项)
An independent and adjustable central support system prevents PCB board panel being deformed due to heat, without mesh straps. (Option)



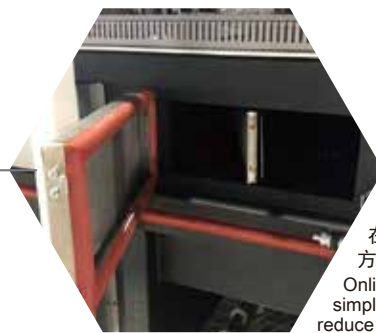
模块化结构，便于清洁及维护。前后回风设计，有效防止温区之间气流影响，保证温控精确。长寿命高性能热风马达。变频器控制，热风马达风速可调。
Modular structure, easy to clean and maintain. Front and rear air return design, effectively prevent the influence of air flow between the zones, ensure accurate temperature control. Long life high performance hot air motor. Frequency converter control, wind speed adjustable hot air motor.



选配：氮气闭环控制系统
高精度氮气流量剂及含氧量分析仪
准确控制氮气流量，并可选配氮气闭环控制系统，实现低耗氮气低成本生产
Option: nitrogen closed-loop control system
High-precision nitrogen flow agent and oxygen content analyzer can accurately control the nitrogen flow, and can be equipped with a nitrogen closed-loop control system to achieve low nitrogen consumption and low-cost production



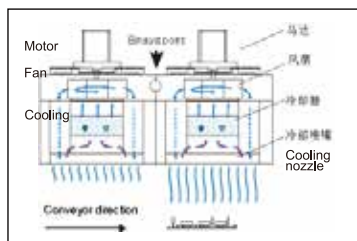
选配：全程充氮
可选配全程充氮，多方位保护产品焊接品质，提高生产效率。
Option: full nitrogen filling
Full nitrogen filling is optional, multi-directional protection product welding quality, to improve production efficiency.



在线式维护松香回收系统，操作简单，方便快捷，有效降低客户生产成本。
Online maintenance rosin recovery system, simple operation, convenient and fast, effectively reduce customer production costs.



内置温度曲线测试功能、虚拟仿真功能，节省设置时间。
Built-in temperature profile test function, virtual simulation function, save setting time.



冷却系统，全新专利结构设计，强制风冷及水冷结构可升级互换；维护保养方便快捷；冷却区温度显示可调。
Cooling system, new patented structure design, forced air cooling and water cooling structure which can be upgraded and exchanged; Convenient and fast maintenance; Cooling area temperature display is adjustable.



2个冷却区
Two cooling zones

SER系列回流焊主要规格参数 SER series reflow oven main specifications										
型号/Model No.	SER-708AH	SER-708NH	SER-710AH	SER-710NH	SER-712AH	SER-712NH	SER-706AH	SER-706NH	SER-704AH	SER-704NH
加热部分 / Heating System										
温区配置 / Heating Zone	8温区, 16加热模块 8 heating zones, 16 heating modules		10温区, 20加热模块 10 heating zones, 20 heating modules		12温区, 24加热模块 12 heating zones, 24 heating modules		6温区, 12加热模块 6 heating zones, 12 heating modules		4温区, 8加热模块 4 heating zones, 8 heating modules	
加热区长度 / Heating Zones Length	2950mm		3670mm		4350mm		2230mm		1510mm	
冷却方式 / Cooling Type	双冷却: 强制风冷/水冷 (选配: 三个冷却区) Double cooling:enforced air cooling/water cooling (Optional: three cooling zones)						双冷却: 强制风冷/水冷 Dual cooling zones:enforced air cooling/water cooling			
排风口直径, 排量 Exhaust Port Diameter, Exhaust Valume	2-φ145, 排风量要求15m³/min x2		2-φ145,Exhaust volume requirement 15m³/min x2				2-Ø145,排风量要求8m³/min x2 2-Ø145,Exhaust volume requirement 8m³/min x2			
运输部分 / Conveyor System										
基板宽度尺寸 / Product Width	min50mm-max400mm									
运输方向 / Conveying Direction	左→右, 右→左 / L→R, R→L									
运输带高度 / Inlet Height	900±20mm									
导轨固定方式 / Fixed Rail	前端固定/Front rail Fixed (选配:后端固定/Option:Rear Rail Fixed)									
传送方式 / Conveyor Type	链条+网带同步传送 /Chain + mesh belt synchronous conveying									
基板元件高度 / Component Height	以链条加长轴为基准: +30mm;-20mm /Clearance based on the rail: above 30mm,below 20mm									
传送速度 / Conveying Speed	300mm-1500mm/min									
中央支撑系统(选配) Central support system (optional)	min60mm-max400mm									
控制部分 / Control System										
电源 / Power Supply	AC3Ø 5W 380V 50/60HZ									
总功率 / Total Power	57KW	71KW	89KW		45KW		34KW			
启动功率 / Startup Power	30KW	35KW	40KW		30KW		20KW			
正常运行功率 / Running Power	7.5KW	9.5KW	11.5KW		6KW		5KW			
工作温度范围 / Temperature Range	温室-320°C/Room temperature to 320°C									
控制方式 / Control type	PC+PLC控制系统/PC+PLC Control system									
导轨调宽方式/ Rail Width Adjustment Mode	电动+手动/Electric+Manual									
温度控制精度 / Temp Control accuracy	±1°C									
PCB板温分布偏差 / PCB Temp Deviation	±1°C									
设置参数存储 / Data Storage	可存多种设置参数/Can store multiple setting parameters									
停电保护 / Power Outage Protection	UPS延时关机/Equipped with UPS									
操作界面 / Operation Interface	Windows中文简体, 英文在线自由切换 / Windows Chinese simplified, English online free switching									
机体参数 / General										
外形尺寸 / Dimension(LxWxH)	5055x1372x1515mm		5775x1372x1515mm		6495x1372x1515mm		4335x1372x1515mm		3615x1372x1515mm	
重量 / Weight	2000-2200kg		2400-2600kg		2800-3000kg		1600-1800kg		1100-1200kg	
外观颜色 / Color	光亮皱纹白/Bright wrinkled white									

SER系列回流焊主要规格参数 SER series reflow oven main specifications									
型号/Model No.	SER-708AH双轨 Dual Lanes	SER-708H双轨 Dual Lanes	SER-708NH双轨 Dual Lanes	SER-710AH 双轨 Dual Lanes	SER-710H双轨 Dual Lanes	SER-710NH双轨 Dual Lanes	SER-712AH双轨 Dual Lanes	SER-712H双轨 Dual Lanes	SER-712NH双轨 Dual Lanes
加热部分 / Heating System									
温区配置 / Heating Zone	8温区, 16加热模块 8 heating zones, 16 heating modules			10温区, 20加热模块 10 heating zones, 20 heating modules			12温区, 24加热模块 12 heating zones, 24 heating modules		
加热区长度 / Heating Zones Length	2950mm			3670mm			4350mm		
冷却方式 / Cooling Type	双冷却: 强制风冷/水冷 (选配: 三个冷却区) Dual cooling zones:enforced air cooling/water cooling (Optional: three cooling zones)								
排风口直径, 排量 Exhaust Port Diameter, Exhaust Valume	2-φ145, 排风量要求20m³/min x2			2-φ145,Exhaust volume requirement 20m³/min x2					
运输部分 / Conveyor System									
基板宽度尺寸 / Product Width	min50mm-max270mm (同时) /(选配: 同时过板max300mm) min50mm-max500mm (单轨) / (选配: 单轨过板max550mm)			min50mm-max270mm(simultaneously)/(Option:Simultaneous two lanes conveying max300mm) min50mm-max500mm(single lane)/(Option: single lane conveying max550mm)					
运输方向 / Conveying Direction	左→右, 右→左 / L→R, R→L								
运输带高度 / Inlet Height	900±20mm								
导轨固定方式 / Fixed Rail	前后导轨固定, 中间两条活动			/Front and Rear End Rails Fixed, 2 Central Rail adjustable					
传送方式 / Conveyor Type	链条+网带同步传送			/Chain + mesh belt synchronous conveying					
基板元件高度 / Component Height	以链条加长轴为基准: +30mm;-20mm			/Clearance based on the rail: above 30mm,below 20mm					
传送速度 / Conveying Speed	300mm-1500mm/min			(选配: 双速度/Option: Double Speed)					
中央支撑系统(选配) Central support system (optional)	min60mm-max270mm(同时) / (选配: 同时过板max300mm) min60mm-max270mm(simultaneously)/(Optional: Simultaneous two lanes max300mm) min60mm-max500mm(单轨) / (选配: 单轨过板max550mm) min60mm-max500mm (single track)/(Optional : Single lane max550mm)								
控制部分 / Control System									
电源 / Power Supply	AC3Ø 5W 380V 50/60HZ								
总功率 / Total Power	70KW			89KW			108KW		
启动功率 / Startup Power	35KW			40KW			42KW		
正常运行功率 / Running Power	10KW			11.5KW			13KW		
工作温度范围 / Temperature Range	室温-320°C/Room temperature to 320°C								
控制方式 / Control type	PC+PLC控制系统/PC+PLC Control system								
导轨调宽方式/ Rail Width Adjustment Mode	电动+手动/Electric+Manual								
温度控制精度 / Temp Control accuracy	±1°C								
PCB板温分布偏差 / PCB Temp Deviation	±2°C								
设置参数存储 / Data Storage	可存多种设置参数			/Can store multiple setting parameters					
停电保护 / Power Outage Protection	UPS延时关机			/Equipped with UPS					
操作界面 / Operation Interface	Windows中文简体, 英文在线自由切换			/Windows Chinese simplified, English online free switching					
机体参数 / General									
外形尺寸 / Dimension(LxWxH)	5055x1610x1515mm			5775x1610x1515mm			6495x1610x1515mm		
重量 / Weight	2500-2700kg			2900-3100kg			3300-3500kg		
外观颜色 / Color	光亮皱纹白 /Bright wrinkled white								



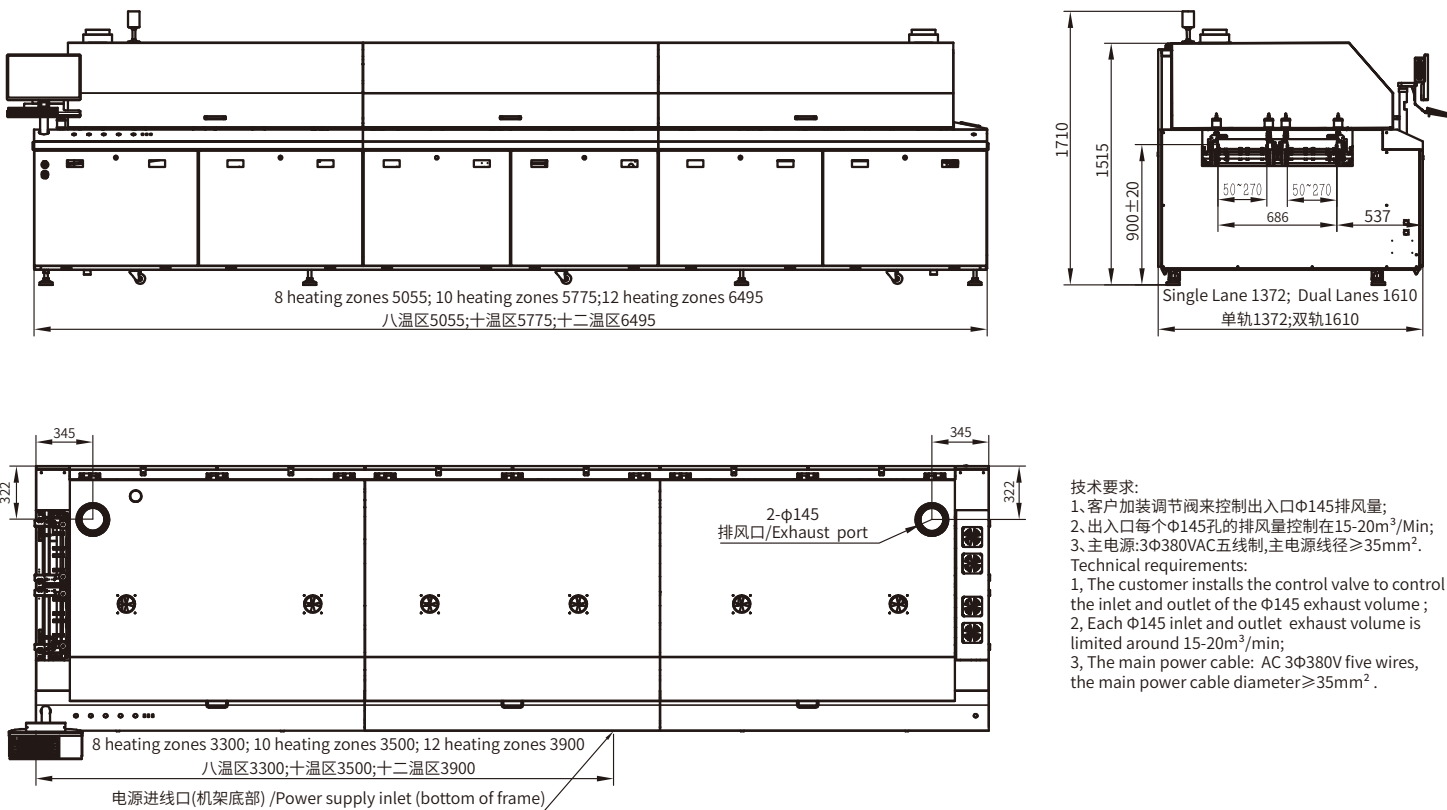
SER-7-EVO系列产品特点

SER -7-EVO SERIES PRODUCT FEATURES

- 先进的智能温控系统：实时监测炉内各温区的温度，并自动闭环控制，温度控制及曲线重复精度高；
- 模块化设计：整机采用模块化设计理念，使设备维护保养更加方便快捷，同时也降低了维护成本；
- 高热能，低能耗：日东专利热风系统，适合的发热功率与容积的匹配，保证大热能供应，热风对流传导更高效，热补偿更快；
- 高效的助焊剂回收系统，模块化设计，可独立拆卸，维护保养便捷，炉内更洁净。

Schematic Diagram

整体示意图



- Advanced intelligent temperature control system: real-time monitoring of the temperature of each zone, automatic closed-loop control, high temperature control and profile repetition accuracy.
- Modular design: The whole machine adopts a modular design concept, making the maintenance more convenient and quick, reducing maintenance costs meanwhile.
- High heat energy, low energy consumption: Suneast patented hot air system, suitable matching of heating power and volume, ensuring large heat energy supply, more efficient hot air convection conduction, and faster thermal compensation.
- Efficient flux recovery system, modular design, can be disassembled independently, convenient maintenance, and cleaner oven.

模块化设计:整机采用模块化设计理念,使设备维护保养更加方便快捷,同时也降低了维护成本;

The machine control system consists of PC + intelligent controller system and reflow oven control software, etc. It can realize the functions of system setting, precise process control (such as speed, temperature, working time), real-time status monitoring (temperature profile, over-temperature, power phase loss), etc.



控制软件具备中英文自由切换,多级操作账户管理,功能分类清晰,界面操作简单,完整的操作日志与报警信息记录,设备按期保养提醒等。

The control software has free switching between Chinese and English, multi-level user management, clear function classification, simple operation, complete operation log and alarm information record, equipment scheduled maintenance reminder, etc.



序号	设备名称	品牌	规格	数量	单位	备注	下次维护时间
11	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
12	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
13	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
14	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
15	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
16	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
17	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
18	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
19	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
20	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
21	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
22	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
23	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
24	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
25	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15
26	中频感应加热炉	瑞克	100KW	1	台	用于PCB板的加热	2024-12-15

内置温度曲线测试功能、虚拟仿真功能,节省设置时间。
Built-in temperature profile test function and virtual simulation function, save the setting time.

运输系统采用导轨与网带同步传输,导轨采用特殊铝合金材质,表面超硬膜氧化处理(防变形、防磨损),入口防卡板设计搭配高肩不锈钢链条确保进板顺畅,特殊调宽及传输结构设计,保证PCB传输稳定可靠;

The conveyor system uses guide rails and mesh belts for synchronous transmission. The guide rails are made of special aluminum alloy with super-hard coating oxidation treatment on the surface (anti-deformation and anti-wear). The entrance anti-jammed design is matched with high-shoulder stainless steel chains to ensure smooth board entry. The special width adjustment and conveyor structure design ensures stable and reliable PCB conveying.



控制软件具备中英文自由切换,多级操作账户管理,功能分类清晰,界面操作简单,完整的操作日志与报警信息记录,设备按期保养提醒等。

The control software has free switching between Chinese and English, multi-level user management, clear function classification, simple operation, complete operation log and alarm information record, equipment scheduled maintenance reminder, etc.

SER-7-EVO系列回流焊主要规格参数 SER-7-EVO series reflow oven main specifications						
型号/Model No .	SER-708AH-EVO	SER-708H-EVO	SER-710AH-EVO	SER-710H-EVO	SER-712AH-EVO	SER-712H-EVO
加热部分 / Heating System						
温区配置 / Heating Zone	8温区, 16加热模块 8 heating zones, 16 heating modules		12温区, 24加热模块 12 heating zones, 24 heating modules		4温区, 8加热模块 4 heating zones, 8 heating modules	
加热区长度 / Heating Zones Length	2950mm		3670mm		4350mm	
冷却方式 / Cooling Type	双冷却: 强制风冷/水冷 Dual cooling zones:enforced air cooling/water cooling					
排风口直径, 排量 Exhaust Port Diameter, Exhaust Valume	2-φ145, 排风量要求15m³/min x2 2-φ145,Exhaust volume requirement 15m³/min x2					
运输部分 / Conveyor System						
基板宽度尺寸 / Product Width	min50mm-max400mm					
运输方向 / Conveying Direction	左→右, 右→左 / L→R, R→L					
运输带高度 / Inlet Height	900±20mm					
导轨固定方式 / Fixed Rail	前端固定/Front rail Fixed (选配:后端固定/Option:Rear Rail Fixed)					
传送方式 / Conveyor Type	链条+网带同步传送 /Chain + mesh belt synchronous conveying					
基板元件高度 / Component Height	以链条加长轴为基准: +30mm;-25mm /Clearance based on the rail: above 30mm,below 25mm					
传送速度 / Conveying Speed	300mm-2000mm/min					
中央支撑系统(选配) Central support system (optional)	min60mm-max400mm					
控制部分 / Control System						
电源 / Power Supply	AC3Ø 5W 380V 50/60HZ					
总功率 / Total Power	57KW	71KW		89KW		
启动功率 / Startup Power	30KW	35KW		40KW		
正常运行功率 / Running Power	7.5KW	9.5KW		11.5KW		
工作温度范围 / Temperature Range	温室-320°C/Room temperature to 320°C					
控制方式 / Control type	PC+智能控制器系统/PC+Intelligent controller system					
导轨调宽方式/ Rail Width Adjustment Mode	电动+手动/Electric+Manual					
温度控制精度 / Temp Control accuracy	±1°C					
PCB板温分布偏差 / PCB Temp Deviation	±1°C					
设置参数存储 / Data Storage	可存多种设置参数/Can store multiple setting parameters					
停电保护 / Power Outage Protection	UPS延时关机/Equipped with UPS					
操作界面 / Operation Interface	Windows中文简体, 英文在线自由切换 / Windows Chinese simplified, English online free switching					
机体参数 / General						
外形尺寸 / Dimension(LxWxH)	5055x1372x1515mm		5775x1372x1515mm		6495x1372x1515mm	
重量 / Weight	2000-2200kg		2400-2600kg		2800-3000kg	
外观颜色 / Color	光亮皱纹白/Bright wrinkled white					

SER-7-EVO系列回流焊主要规格参数 SER-7-EVO series reflow oven main specifications						
型号/Model No.	SER-708AH-EVO Dual Lanes	SER-708H-EVO Dual Lanes	SER-710AH-EVO Dual Lanes	SER-710H-EVO Dual Lanes	SER-712AH-EVO Dual Lanes	SER-712H-EVO Dual Lanes
加热部分 / Heating System						
温区配置 / Heating Zone	8温区, 16加热模块 8 heating zones, 16 heating modules		10温区, 20加热模块 10 heating zones, 20 heating modules		12温区, 24加热模块 12 heating zones, 24 heating modules	
加热区长度 / Heating Zones Length	2950mm		3670mm		4350mm	
冷却方式 / Cooling Type	双冷却: 强制风冷/水冷 Dual cooling zones:enforced air cooling/water cooling					
排风口直径, 排量 Exhaust Port Diameter, Exhaust Valume	2-φ145, 排风量要求20m³/min x2		2-φ145,Exhaust volume requirement 20m³/min x2			
运输部分 / Conveyor System						
基板宽度尺寸 / Product Width	min50mm-max270mm（同时）/(选配：同时过板max300mm) min50mm-max270mm(simultaneously)/(Option:Simultaneous two lanes conveying max300mm) min50mm-max500mm（单轨）/（选配：单轨过板max550mm) min50mm-max500mm(single lane)/(Option: single lane conveying max550mm)					
运输方向 / Conveying Direction	左→右, 右→左 / L→R, R→L					
运输带高度 / Inlet Height	900±20mm					
导轨固定方式 / Fixed Rail	前后导轨固定, 中间两条活动		/Front and Rear End Rails Fixed, 2 Central Rail adjustable			
传送方式 / Conveyor Type	链条+网带同步传送		/Chain + mesh belt synchronous conveying			
基板元件高度 / Component Height	以链条加长轴为基准: +30mm;-25mm		/Clearance based on the rail: above 30mm,below 25mm			
传送速度 / Conveying Speed	300mm-2000mm/min		（选配：双速度/Option: Double Speed）			
中央支撑系统(选配) Central support system (optional)	min60mm-max270mm(同时) / （选配：同时过板max300mm) min60mm-max270mm(simultaneously)/(Optional: Simultaneous two lanes max300mm) min60mm-max500mm(单轨) / （选配：单轨过板max550mm) min60mm-max500mm (single track)/(Optional : Single lane max550mm)					
控制部分 / Control System						
电源 / Power Supply	AC3Ø 5W 380V 50/60HZ					
总功率 / Total Power	70KW		89KW		108KW	
启动功率 / Startup Power	35KW		40KW		42KW	
正常运行功率 / Running Power	10KW		11.5KW		13KW	
工作温度范围 / Temperature Range	室温-320°C/Room temperature to 320°C					
控制方式 / Control type	PC+智能控制器系统/PC+Intelligent controller system					
导轨调宽方式/ Rail Width Adjustment Mode	电动+手动/Electric+Manual					
温度控制精度 / Temp Control accuracy	±1°C					
PCB板温分布偏差 / PCB Temp Deviation	±2°C					
设置参数存储 / Data Storage	可存多种设置参数		/Can store multiple setting parameters			
停电保护 / Power Outage Protection	UPS延时关机		/Equipped with UPS			
操作界面 / Operation Interface	Windows中文简体, 英文在线自由切换		/Windows Chinese simplified, English online free switching			
机体参数 / General						
外形尺寸 / Dimension(LxWxH)	5055x1610x1515mm		5775x1610x1515mm		6495x1610x1515mm	
重量 / Weight	2500-2700kg		2900-3100kg		3300-3500kg	
外观颜色 / Color	光亮皱纹白 /Bright wrinkled white					