

专注 持久 分享
Concentration Persistence Sharing

JT 劲拓股份

深圳市劲拓自动化设备股份有限公司, 股票代码300400, 成立于1997年, 于2004年改制为股份制公司, 是目前国内集研发、生产及销售为一体的专用设备制造供应商, 属国家级高新技术企业。
2019年公司回流焊设备获国家工信部单项冠军产品。



JTR系列 无铅热风回流焊机

JTR Series Lead-Free Hot Air Reflow Oven



产品描述

PRODUCT DESCRIPTION

加强主吊臂 / Reinforced Main Hanging Bracket

- 加强主吊臂确保导轨横向不变形, 杜绝卡板及掉板现象发生。
- Reinforced main hanging bracket to avoid rail deformation and board jamming .

多层保温 / Multi-layer Thermal Insulation

- 多层保温炉胆设计, 炉体外壳表面温度降低10度至20度, 有效降低工作环境温度。
- Multi-layer thermal insulation design. The Surface temperature of the Oven body is reduced by 10 to 20 degrees, reducing the temperature of the working environment effectively.

冷却结构 / Cooling Configuration

- 新式冷却结构设计使大部分废气过滤或回收返回炉内, 减少了热量的损失, 同时使助焊剂回收更彻底。
- New cooling configuration to make the filtered or reclaimed air back to oven chamber, it can reduce the thermal loss as well as get better flux collection.

密闭式炉膛 / Sealed Oven

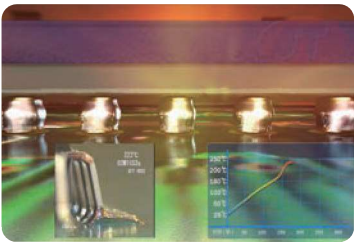
- 炉膛内使用全面保护的密闭式设计, 有效保护氮气不易流失, 使氧气含量最低可至150ppm。
- Use the full protection of the sealed oven design to prevent nitrogen losing. So the lowest concentration of oxygen can be reached to 150ppm.

高热传递效率 / Hight Heat Transferring Efficiency

- 15%热传递效率的提升从容应对更复杂更大型焊接品质的无铅工艺要求。
- 15% heat transferring efficiency was improved to deal with the lead free process with more complicated and larger products.



多层保温设计
Multilayer Insulation Design



焊接工艺效果图
Welding Process Effect Drawing

双轨道 / Dual Line

- 双导轨结构有效提高生产效率, 节约能耗及生产成本。
- The dual-rails conveyor is able to improve the production efficiency as well as save power and cost.

低氮耗量 / Low nitrogen consumption

- 氮耗量低, 在300-800ppm氧浓度环境下只在15-20M/H³。
- Nitrogen consumption is only 15-20M/H³ with the oxygen level 300-800ppm.

选配 / Optional

- 可选配氮气闭环控制系统, 节能环保。
- Nitrogen closed-loop control system is optional, energy saving and environmental protection.

型号 Model		JTR-800/JTR-800-N	JTR-1000/JTR-1000-N	JTR-1200/JTR-1200-N
加热区长度	Heated Length	3110mm	3890mm	4640mm
外形尺寸	Dimensions (L×W×H)	5520×1430×1530mm	6300×1430×1530mm	7050×1430×1530mm
净重	Net Weight	Approx. 2400KG / 2500KG	Approx. 2700KG / 2800KG	Approx. 3000KG / 3100KG
排风量	Exhaust Volume	10m³ /min×2 通道 10m³ /min×2 Exhausts		
电源	Source Power	AC, 380V 3Φ5W 50/60Hz (Optional : AC, 220VΦ3 选配)		
功率	Power	启动 Starting: 30KW / 32KW 工作 Operating: 9KW / 10KW	启动 Starting: 36KW / 38KW 工作 Operating: 10KW / 11KW	启动 Starting: 40KW / 42KW 工作 Operating: 11KW / 12KW
升温时间	Heat up Time	Approx. 25min		
温度范围	Temp. Range	室温 Room temperature -300°C		
PCB最大宽度	Max. Width of PCB	400mm (Option:460mm)		
部品高度	Component Height	板上30mm / 下25mm Top 30mm / Bottom 25mm		
运输方向	Conveyor Direction	左向右 (Option:右向左) Left to Right (Option:Right to Left)		
导轨固定方向	Fixed Rail Side	前端固定 (Option:后端固定) Front Rail Fixed (Option:Rear Rail Fixed)		
导轨距地面高度	Conveyor Height	900±20 mm		
运输速度	Conveyor Speed Range	300-2000mm/min		
参数存储	Data Storage	可存多种生产设置参数与状况 Various prameters and status are storable		
异常报警	Abnormal Alarm	超高或超低温报警, 声、光两种方式 Abnormal Temp. (Over/under Heat.) Sound&light		
设备配置 Device Layout				
加热区数量	No.of heating zones	上8/下8 Top 8/Bottom 8	上10/下10 Top 10/Bottom 10	上12/下12 Top 12/Bottom 12
冷却区数量	No.of cooling zones	上3/下3 Top 3/Bottom 3		
控制系统	Control System	WIN10+商用电脑+PLC WIN10+Computer+PLC		
温控方式	Temp. Control Method	PID+SSR		
温度测试线	Thermocouple Wire	4条 4 wires		
运输系统	Conveyor System	导轨+网带运输 Rail+ Mesh		
运输控制方式	Conveyor Control Mode	变频器+进口运输马达 Inverter+Import Conveyor Motor		
链条结构	Chain Structure	双排链扣防卡板式 Dual-link avoid block		
导轨调宽	Width Adjustment	导轨电动调宽 Electric adjustable		
上盖启动	Cover Open Way	上盖电动开启, 方便炉内清洁 Electric open for easy maintenance.		
UPS电源	UPS Power	UPS备用电源 Backup power supply to ensure PCB production finish normally.		
冷却方式	Cooling System	强制风冷 ; “-N”机型:强制水冷 Forced Air Cooling ; For “-N” Model:Forced water cooling		
其它扩展型号	Other Extend Models	JTR-800D / JTR-800D-N JTR-800L / JTR-800L-N	JTR-1000D / JTR-1000D-N JTR-1000L / JTR-1000L-N	JTR-1200D / JTR-1200D-N JTR-1200L / JTR-1200L-N
外型尺寸	Dimensions (L×W×H)	5520 x 1660 x 1530mm	6300 x 1660x 1530mm	7050 x 1660 x 1530mm
净重	Net Weight	Approx. 2750KG / 2850KG Approx. 2700KG / 2800KG	Approx. 3050KG / 3150KG Approx. 3000KG / 3100KG	Approx. 3350KG / 3450KG Approx. 3300KG / 3400KG
升温时间	Heat up Time	Approx. 30min		
导轨调宽范围	Range of Rail Width	"-D" 机型:双通道各调宽 50-270mm ; "L"机型:单通道可调 50-610mm For “-D”Model: adjustable 50-270mm ; For “-L” Model: adjustable 50-610mm		
氮气系统机型	For -N Model	-N: 氮气 Nitrogen		
氮气消耗量	Nitrogen Consumption	300-1000PPM at 20M³ /hr (standard) / 500-1000PPM at 25-30M³ /hr (“-D” or “-L” models)		

备注: 参数若有更改, 恕不另行通知! The above contents are subject to change without further notice!

TEA系列 无铅热风回流焊机

TEA Series Lead-Free Hot Air Reflow Oven



产品描述

Product Description

导轨系统

Rail Conveyor System

- 导轨采用特殊硬化处理, 坚固耐用;
- 采用不锈钢单排挡边链条, 实用可靠。
- Rail adopts special hardening treatment, more rigid and extend the service life;
- Conveyor chain adopts stainless single flanged chain, more stable conveying.



双导轨系统

Dual-Rail Conveyor System

- 双导轨运输系统, 有效提高生产效率, 节约能耗及生产成本;
- 加强主吊臂确保导轨横向不变形, 杜绝卡板及掉板现象发生。
- The dual-rail system can enhance productivity, reduce consumption and save costs;
- Reinforced main hanging bracket to avoid rail deformation and board jamming.



℃ 多层保温 / Multi-layer Thermal Insulation

- 炉膛多层保温, 专利溢温收集设计, 使得炉体对环境温度的影响最小化。
- The patented optimized structure design can minimize the influence of the chamber to environmental temperature.

♻️ 回收系统 / Collection System

- 免工具式松香回收系统, 保养简便快捷。
- The automatic flux collection system is easy for maintenance.

♻️ 可循环再用 / Recyclable

- 机器上95%的材料可以循环再用。
- 95% material of reflow oven can be recycled.

型号 Model		TEA-800		TEA-1000		TEA-800D		TEA-1000D	
详细描述 Specification									
加热区长度	Heated Length	3110mm		3890mm		3110mm		3890mm	
外形尺寸	Dimensions (L×W×H)	5220×1430×1530mm		6000×1430×1530mm		5220×1660×1530mm		6000×1660×1530mm	
净重	Net Weight	Approx.2250kg		Approx. 2600KG		Approx.2600KG		Approx. 2950KG	
排风量	Exhaust Volume	10m³/min×2 通道 10m3/min×2 Ducts							
电源	Supply Power	AC, 380V 3Φ5W 50/60Hz (Optional : AC,220VΦ3 50/60Hz 选配)							
功率	Power	启动 Starting: 30KW 工作 Operating: 9KW		启动 Starting: 36KW 工作 Operating: 10KW		启动 Starting: 32KW 工作 Operating: 10KW		启动 Starting: 38KW 工作 Operating: 11KW	
升温时间	Heat up Time	Approx. 25min				Approx. 30min			
温度范围	Temp. Range	室温 Room temperature -300°C							
PCB最大宽度	Max. Width of PCB	400mm (Option: 450mm)				270mm×2 (单通道 Single Rail 50-490mm)			
部品高度	PCB Top Height	板上30mm / 下25mm Top 30mm / Bottom 25mm							
运输方向	Conveyor Direction	左向右 (可选: 右向左) Left to Right (Option: Right to Left)							
导轨固定方式	Fixed Rail Side	前端固定 (Option: 后端固定) Front Rail Fixed (Option: Rear Rail Fixed)				双轨1, 4 固定 (可选: 1, 3固定) 1st & 4rd Rails Fixed (Option: 1st&3th Rails Fixed)			
导轨距地面高度	Conveyor Height	900±20 mm							
运输速度	Conveyor Speed Range	300-2000mm/min							
参数存储	Data Storage	可存多种生产设置参数与状况 Various parameters and storable							
异常报警	Abnormal Alarm	超高或超低温报警, 声、光两种方式 Abnormal Temp. (Over/under-heat.) Sound & Light Alarm							
设备配置 Device Layout									
加热区数量	NO.of heating zones	上8/下8 Top 8/Bottom 8		上10/下10 Top 10/Bottom 10		上8/下8 Top 8/Bottom 8		上10/下10 Top 10/Bottom 10	
冷却区数量	NO.of cooling zones	上2冷却区 Top 2 Cooling Zones							
控制系统	Control System	WIN10+商用电脑+PLC WIN10+Computer+PLC							
温控方式	Temp. Control Method	PID+SSR							
温度测试线	Thermocouple Wire	4条 4 wires							
运输系统	Conveyor System	单导轨+网带运输 Single Rail+ Mesh				双导轨+网带运输 Dual-Rail + Mesh			
运输控制方式	Conveyor Control Mode	变频器+进口运输马达 Inverter+Import Conveyor Motor							
链条结构	Chain Structure	不锈钢单排挡边链条, 防卡板式 Single side link avoid block							
导轨调宽	Width Adjustment	导轨电动调宽 Electric adjustable							
上盖启动	Cover Open	上盖电动开启, 方便炉内清洁 Electric open for easy maintenance.							
UPS电源	UPS Power	备用电源 Backup power supply to ensure PCB production finish normally.							
冷却方式	Cooling System	强制风冷 Forced Air Cooling							

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