



## ECON-SD10MS 自动锡渣分离机

### ECON-SD10MS Automatic Solder Dross Separation Machine



#### 一、基本功能与特点 Features:

- 1、本机采用特殊搅拌分离机构,锡渣自动输入进入搅拌区焊锡内部;  
Uses special mixing & separation design, the dross automatically feeded into inner part of mixing part.
- 2、锡灰自动分离出来,并排出至锡灰收集箱内;  
Automatic separation of tin and tin ash, into the tin and tin-ash collection device.
- 3、分离后的焊锡自动进入焊锡贮存箱内,达到一定液位后自动报警,人工打开放锡咀,排放至接锡盘内成形;  
Separated liquid pure tin automatically stored in the tin cabin, when it reaches a certain volume, the alarm system turns on, operator just only need discharge the liquid pure tin into molding tray.
- 4、本分离装置无需人工清理高温滤桶内的锡灰,解决了高温危险性;  
This machine is no need to clean high temperature filtering cabin to avoid any human damage.
- 5、分离率非常稳定,分离后的锡灰呈面粉状,目视基本无明显锡粒;  
Stability of high separation rate, powder type ash after separation hardly see any solder



by visual.

- 6、完全符合节能、安全、环保要求;  
Suit for energy saving, safty and Econ-friendly requirement.
- 7、日处理量: 120KG-150KG/8H;  
Ability: 120KG-150KG/8H
- 8、隔热防护网, 避免操作员烫伤, 机壳表面温度控制在 45 度以内。  
Heat insulation prevention mesh controls the machine outside temperature within 45°C,  
which is avoid operator to be hurt.

## 二、整机部分 **Body:**

- 1、外壳全部采用不锈钢材料,美观大方,维护方便;  
All-stainless steel tank,clean convenience.
- 2、电源 Power: 220V;
- 3、整机功率 Machine power : 4.3KW;
- 4、工作功率 Working Power 1.2KW ;
- 5、净重 Net weight: 约 110KG;
- 6、外型尺寸 Dimension: L680\*W850\*H1050mm

## 三、电控部份 **Electronic Part:**

- 1、按键式面板操作控制;  
Keyboard panel control
- 2、OMRON 数显温度表显示温度, 温度调节方便直观, 控温准确;  
OmRON temperature meter vertically display temperature adjustment with accurate temperature.
- 3、控温采用 PID+SSR 模式;  
Uses PID+SSR for temperature control
- 4、漏电保护装置;  
Uses creepage protection device.

## 四、搅拌分离系统 **Mixing & Separation System:**

- 1、入口料斗: 锡渣容量≤10KG 双加料口;  
Feeding gate: ≤10KG dross\*2
- 2、炉胆采用特殊不锈钢 316L 材料制作;耐腐蚀;耐高温;内部底锡容量 70Kg (max), 熔解时间: 约 60 分钟;  
316L stainless steel oven can bear high temperature and rust. Max. 70kg "bottom tin" stored in empty oven, needs 60mins to be melt when uses the machine
- 3、加热系统采用 U 型发热管,外罩铸铁发热板;防变形;  
Uses "U" shape heater covered cast iron heating plate, which is avoid deformation.
- 4、独特的搅拌分离系统组件,专利设计;  
Patent mixing and separation system.
- 5、分离速度: 15KG /60 分钟  
Separation Speed: 15KG /60mins
- 6、搅拌电机 90W 220V;  
Mixing Motor: 90W 220V
- 7、锡条/锡灰分离出来的焊锡自动进入独立收集箱内贮存,达到一定液位后报警,人工排出,锡条成形模配送 2 套,方便更换;锡灰自动排出至锡灰收集箱内,1 套配送,方便更换  
Tin Bar/ash: Separated pure tin goes into a cabin, when it reaches a certain volum, the alarm system turns on to inform discharge. Equipped with 1 sets molding tray. Ash goes into collection box, equipped with 2 boexes.

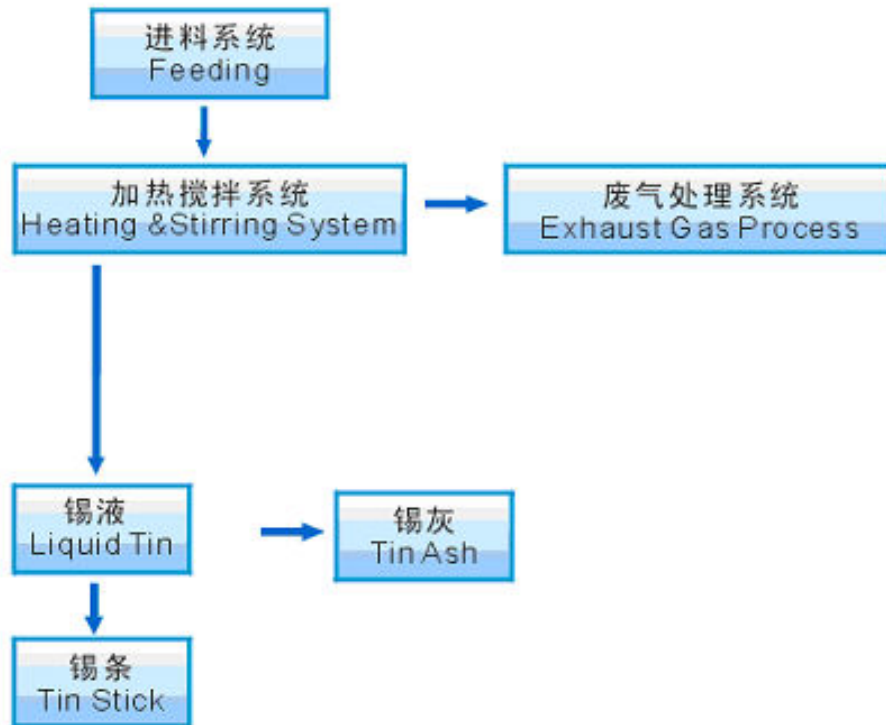
## 五、烟雾过滤 **Filtering System:**



1、外接排风口径:4寸

Outer exhausting gate: 4".

六、工作流程 Operation flow :



七、整体示意图 Diagram

