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茗香天下 智者先行  
安美达茶叶色选机



# COLOR SORTER WE ARE EVERY WHERE

色选 ,我们无处不在

安徽中科光电色选机械有限公司是一家专业从事智能分选设备  
研发、制造、销售的高新技术企业和主板上市公司  
历经18年发展,

已成为拥有员工数600余名  
100多名研发人员 100多项发明专利 100多个产品系列

全球20000多名客户

全球30000多台机器分布

2019年销售收入逾5亿

市场占有率达到3甲

2015年与合锻智能重组上市 股票代码 603011



先行者  
明智之选

独立控制 自由组合

可视化 一键智能 AI智能

滑道加热 专业防糖 畅通无堵

尾料零带出 增效10%

## PRODUCT LIST

### 产品目录





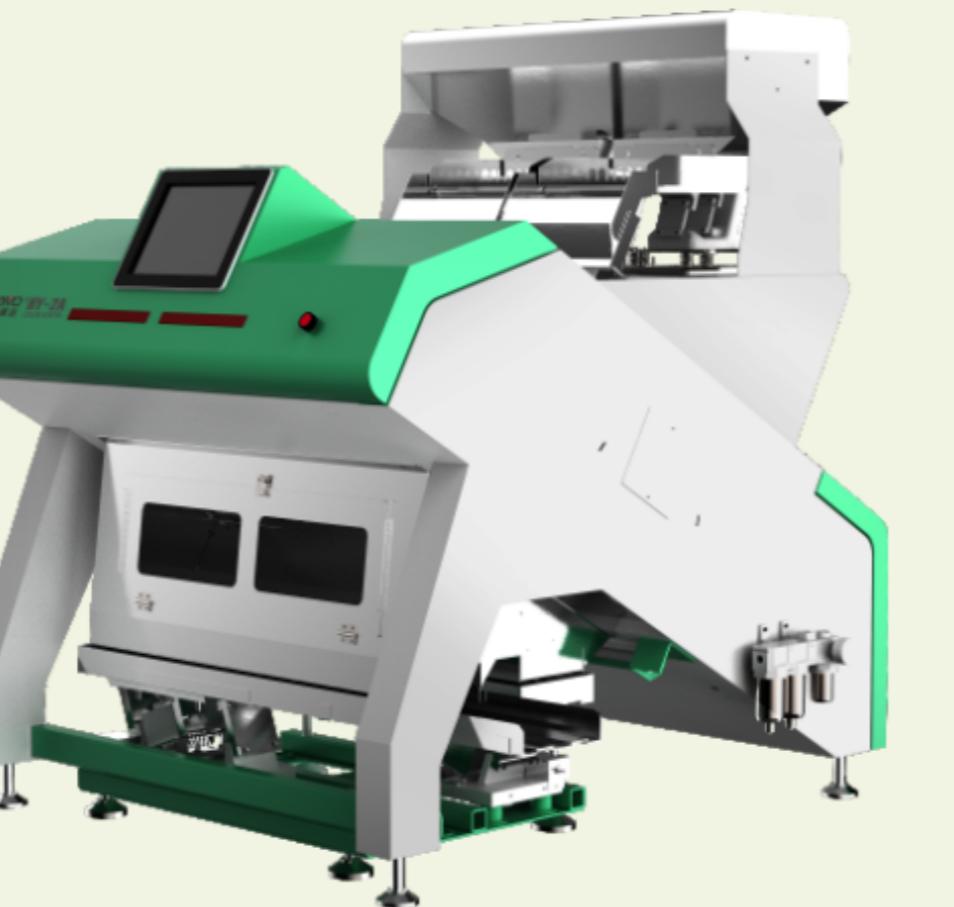
安美达茶叶色选机

TEA COLOR SORTER



# 单层户用型 智能茶叶色选机

Single-layer household  
intelligent tea color sorting machine



## 选茶利器 赚钱工具

—— 色选行业第一台户用彩色茶叶色选机 ——

(Color selection industry's first household color tea color sorting machine)

### 产品参数 Product parameters

产品型号	HY-2A
农机编号	6CSX-128
产量 (Kg/h)	50
选净率(%)	99%
电源电源(v/Hz)	220V50Hz
功率(Kw)	0.7KW
气源压力(Mpa)	>0.4MPa
机器重量(Kg)	200
外形尺寸 ( mm ) ( 长×宽×高 )	1188X1475X1550

注:上表中色选性能参数均以色选含杂量5%的铁观音茶叶为例，具体指标将因含杂质不同而有变化。以上数据仅供参考，如因设备技术水平的提高而有所变更，恕不另行通知。

Note: The color selection performance parameters in the above table are all based on Tieguanyin tea with 5% impurity content. The specific indicators will vary due to different impurities. The above data is for reference only and subject to change without prior notice due to the increased technical level of the equipment.

### 产品特点 Product Features

整机结构紧凑，外观迷你。机器安装、维护、搬运便捷。  
生产占地面积小，具有工作环境要求低、适应性强等特点。  
智能人机操作界面，易学易懂，真正地做到个人操作选茶。  
准确识别铁观音茶叶中带有的棕、红、黄、青、白梗等不良品。  
特别适用于小型茶叶加工客商，彻底改变外加工选茶模式。  
国际高端工业专用双视镜头，精准识别分选，提高其选净率。

The whole machine is compact in structure and mini in appearance. The machine is easy to install, maintain and transport. The production area is small, with low working environment requirements and strong adaptability. The intelligent operation interface is easy to learn and understand, and it is really easy to personally choose tea.  
Accurately identify defective products such as brown, red, yellow, cyan, and white stems in Tieguanyin tea.  
It is especially suitable for small tea processing merchants, completely changing the external processing tea selection mode. International high-end industrial dedicated dual-view lens, accurate identification and sorting, improve its selection rate.

### 选别实例 Examples Of Sorting



西湖龙井良品  
West Lake Longjing  
good material



西湖龙井原料  
West Lake Longjing  
raw material



西湖龙井选黄片  
West Lake Longjing  
selected yellow



西湖龙井选绿黑  
West Lake Longjing  
selected green & black



铁观音良品  
Tieguanyin  
good tea



铁观音红颗粒  
Tieguanyin  
selected red



铁观音选黄  
Tieguanyin  
selected yellow



铁观音选黑  
Tieguanyin  
selected black

# 双层智能茶叶色选机

Double-layer intelligent tea color sorting machine



**选别实例** Exclusive green tea black tea



**产品参数** Product parameters

产品型号 Model	产量 (kg/h) Output	带出比(坏:好) (bad:good)	选净率 (%) Accuracy	电源电压 (v/Hz) Voltage	功率 (Kw) Power	气源压力 (Mpa) Air pressure	机器重量 (Kg) Weight	外型尺寸 (mm) Dimensions
T2-2A	<250	>15:1	>99%	220V50Hz	0.85~1	0.6~0.8	870	1309X1990X2111
T2-4A	<350	>15:1	>99%	220V50Hz	1.55~2	0.6~0.8	950	1930X1940X2111
T2-6A	<450	>15:1	>99%	220V50Hz	2.3~3	0.6~0.8	1185	2529X1940X2111

**备注：**以上色选参数以含杂3%绿茶为例，产量将根据原料含杂率不同而有所不同；同时主机外接电压为AC380/50HZ (三相五芯线)。  
 Note: the above parameters to contain mixed 3% green tea as an example, the output will be based on the raw material with different rate of different; at the same time, the main external voltage of AC380/50HZ (three-phase five wire).



安美达茶叶色选机

TEA COLOR SORTER



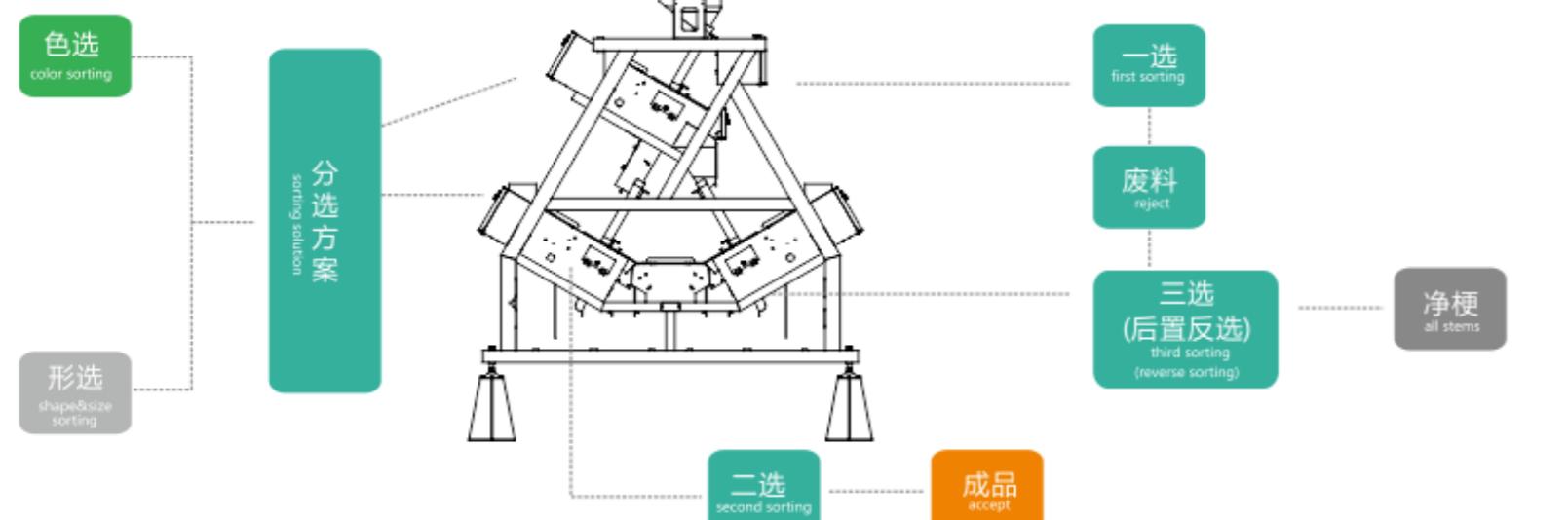
# 三层智能茶叶色选机

Three-layer intelligent tea color sorting machine



## 三层茶叶分选示意图

Three-layer tea sorting diagram



备注：以绿茶分选为例说明，其他茶叶根据实际要求而定。

Note: the green tea sorting as an example, other tea according to the actual requirements of the.



## 产品参数 Product parameters

产品型号 Model	产量 (kg/h) Output	带出比(坏:好) carryover rate (bad:good)	选净率( % ) Accuracy	电源电压 ( V/Hz ) Voltage	功率 ( Kw ) Power	气源压力 ( Mpa ) Air pressure	机器重量 ( Kg ) Weight	外型尺寸( mm ) Dimensions
T3V1-6A	<500	>30:1	>99%	220V50Hz	3.2-4	0.6-0.8	1700	2529X2445X1805
T3-6A	<500	>30:1	>99%	220V50Hz	3.2-4	0.6-0.8	1660	2530X2245X2620

备注：以上色选参数以含杂3%绿茶为例，产量将根据原料含杂率不同而有所不同；同时主机外接电压为AC380/50HZ (三相五芯线)。

Note: the above parameters to contain mixed 3% green tea as an example, the output will be based on the raw material with different rate of different; at the same time, the main external voltage of AC380/50HZ (three-phase five wire).





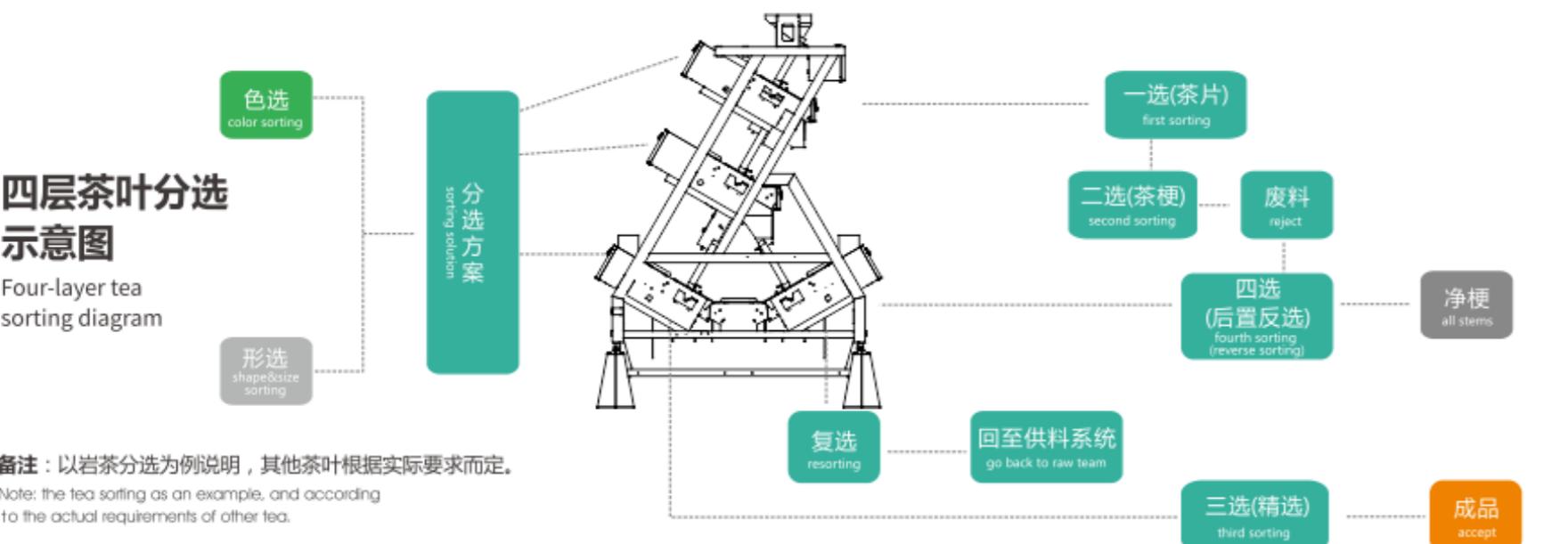
安美达茶叶色选机

TEA COLOR SORTER



# T系列V型四层智能茶叶色选机

T series V type four-layer intelligent tea color sorting machine



## 选别实例 Examples Of Sorting



## 产品参数 Product parameters

产品型号 Model	产量 (kg/h) Output	带出比(坏:好) carryover rate (bad:good)	选净率( % ) Accuracy	电源电压 (v/Hz) Voltage	功率 ( Kw ) Power	气源压力( Mpa ) Air pressure	机器重量 ( Kg ) Weight	外型尺寸( mm ) Dimensions
T4V1-6A	<500	>30:1	>99%	220V50Hz	4.15~5	0.6-0.8	2800	2529X2800X2703
T4V2-6A	<500	>30:1	>99%	220V50Hz	4.15~5	0.6-0.8	3000	2529X2824X2703

备注：以上色选参数以含杂3%绿茶为例，产量将根据原料含杂率不同而有所不同；同时主机外接电压为AC380/50HZ (三相五芯线)。

Note: the above parameters to contain mixed 3% green tea as an example, the output will be based on the raw material with different rate of different; at the same time, the main external voltage of AC380/50HZ (three-phase five wire).

# T系列V型五层智能茶叶色选机

T series V type five-layer intelligent tea color sorting machine



- 1 滑道加热 专业防糖  
自适应调温  
保证物料畅通无堵  
Adaptive temperature regulation  
Ensure unblocked materials
- 2 AI智能 可视化  
一键智能  
所见即所得  
One-click smart  
What you see is  
what you get
- 3 尾料零带出 增效10%  
零带出  
单机实现联机效果  
Bring out  
Single machine to achieve  
online thinking
- 4 独立控制 自由组合  
随心所动  
想动就动  
Independent control  
Free combination

出口茶毛茶 色选案例



原料 成品 选梗 选片

出口茶精制茶 色选案例



原料 成品 选梗 选片

## 产品特点 Product Features

### 1.智能温控滑槽加热系统

滑槽加热，专业防糖，畅通无堵，更适合出口茶的选别。

### 2.色选+形选+智选

针对不同茶类物料特点，自动匹配最优分类方法，更优色选+形选+智选。

### 3.智能化

更简——化繁为简 一健随心 领跑智能用户选茶体验

更精——多核芯片 智能计算 精准识别 精准计算 精准打击

更净——智控喷阀 质形合一 微米识别 毫厘净选

### 1. Intelligent temperature controlled chute heating system

Chute heating, professional anti-sugar, unblocked, more suitable for the selection of export tea.

### 2. Color selection + shape selection + smart selection

According to the characteristics of different tea materials, the optimal classification method is automatically matched, and the better color selection + shape selection + smart selection.

### 3. Intelligent

Easier—Turn complexity into simplicity, lead a smart tea selection experience  
More refined-multi-core chips, intelligent computing, precise identification, accurate calculation, precise strike  
Cleaner-intelligent control valve, quality and shape, micron identification, net selection

## 产品参数 Product parameters

产品型号 Model	产量 (kg/h) Output	带出比(坏:好) carryover rate (bad:good)	选净率( % ) Accuracy	电源电压 (v/Hz) Voltage	功率 ( Kw ) Power	气源压力( Mpa ) Air pressure	机器重量 ( Kg ) Weight	外型尺寸( mm ) Dimensions
T4+1-6A	<600	>99:1	>99%	220V50Hz	5.8~9	0.6-0.8	3200	2529X2824X2703

备注：以上色选参数以含杂3%绿茶为例，产量将根据原料含杂率不同而有所不同；同时主机外接电压为AC380/50HZ（三相五芯线）。

Note: the above parameters to contain mixed 3% green tea as an example, the output will be based on the raw material with different rate of different; at the same time, the main external voltage of AC380/50HZ (three-phase five wire).





安美达茶叶色选机

TEA COLOR SORTER



# T系列V型4+2智能茶叶色选机

T series V type 4+2 Intelligent tea color sorting machine

<b>一次成型</b>	片、芽、梗精准分离
<b>4+2结构设计</b>	省空间、节能耗、操作方便
<b>二合一组合</b>	产量大、效果好
<b>One molding:</b> precise separation of tablets, buds and stems <b>4+2 structure design:</b> save space, save energy, and operate easily <b>Two-in-one combination:</b> large output and good effect	



T系列4+2 机型图

## 4+2茶叶色选机组合示意图

4+2 tea color sorter combination diagram

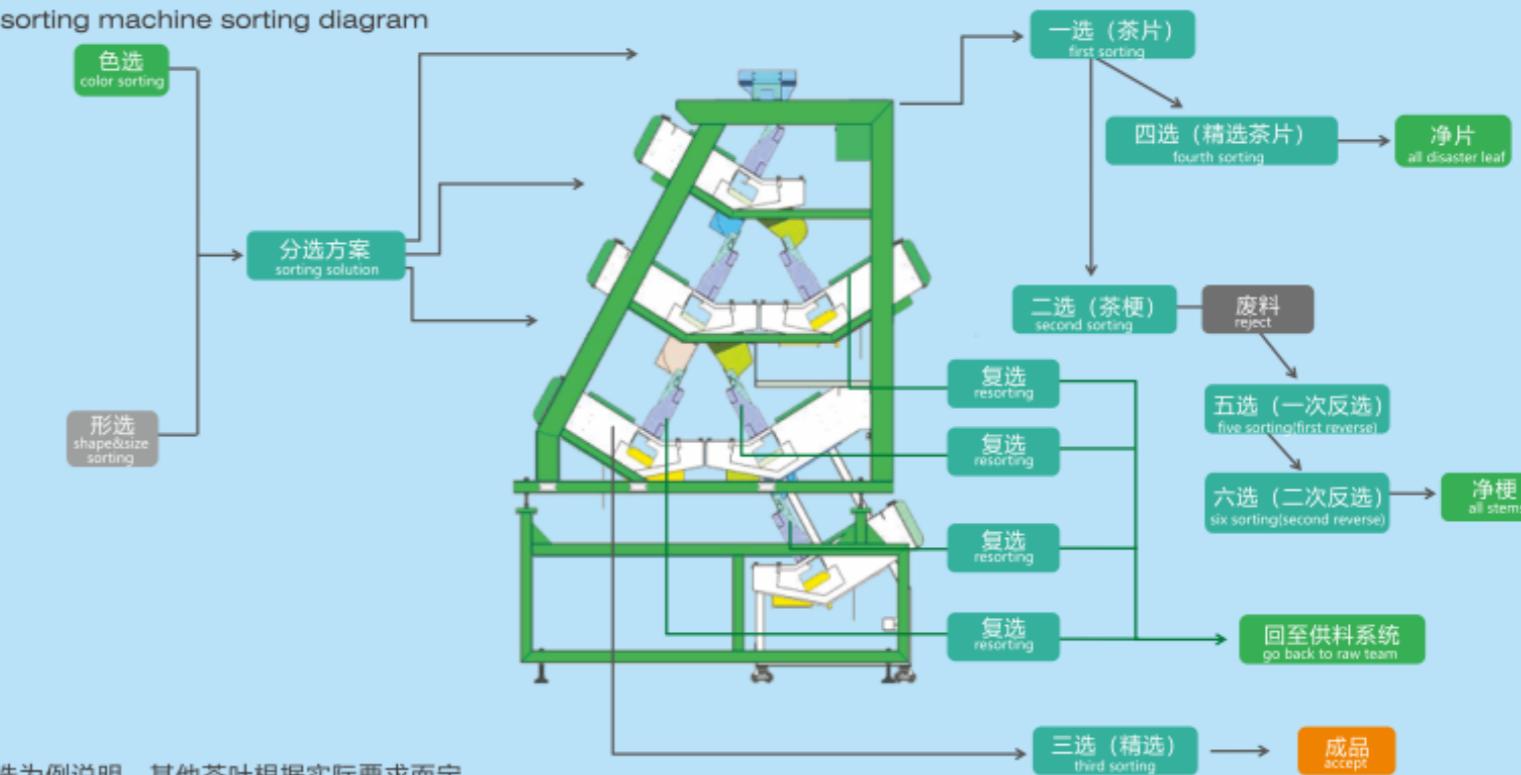


T4V1-6 机型图

T2S6 机型图

## 4+2茶叶色选机分选示意图

4+2 tea color sorting machine sorting diagram



备注：以岩茶分选为例说明，其他茶叶根据实际要求而定。

Note: the tea sorting as an example, and according to the actual requirements of other tea.

## 产品参数 Product parameters

产品型号 Model	产量 (kg/h) Output	带出比(坏:好) carryover rate (bad:good)	选净率 (%) Accurate	电源电压 (V/Hz) Voltage	功率 (Kw) Power	气源压力 (Mpa) Air pressure	机器重量 (Kg) Weight	外型尺寸 (mm) Dimensions
T4+2-6A	<600	100:1	>99%	220V50Hz	6.2~7	0.6-0.8	3280	2586X3816X2904
T4+2-6B	<600	100:1	>99%	220V50Hz	6.2~7	0.6-0.8	3300	2586X3816X2904

备注：以上色选参数以含杂 10% 岩茶为例，产量将根据原料含杂率不同而有所不同；同时主机外接电压为 AC380/50HZ (三相五芯线)。

Note: the above parameters to contain mixed 3% green tea as an example, the output will be based on the raw material with different rate of different; at the same time, the main external voltage of AC380/50HZ (three-phase five wire).



安美达茶叶色选机

TEA COLOR SORTER



# 红外光谱智能茶叶色选机

Infrared spectrum intelligent tea color sorting machine

## 创新红外光谱分析技术

采用业内最先进的傅里叶变换红外光谱技术和神经网络算法对待分选的物料进行全面精准分析,确保每种物料得到完美的解决方案。

## 超量全光谱光源

多光谱红外相机,国内一流的光源照明技术,创新聚光高亮全波段光源,全面提升暗色物料的色选精度,对物料动态监测,让异物无所遁形。

## 高速近红外传感器

采用国外进口高速红外传感,现实实时动态检测。

### Innovative infrared spectroscopy

The industry's most advanced Fourier transform infrared spectroscopy and neural network algorithms are used to perform a comprehensive and accurate analysis of the sorted materials to ensure a perfect solution for each material.

### Excessive full spectrum light source

Multi-spectral infrared camera, domestic first-class light source lighting technology, innovative concentrated high-brightness full-band light source, comprehensively improve the color selection accuracy of dark materials, dynamic monitoring of materials, so that foreign objects are invisible.

### High speed near infrared sensor

The use of imported high-speed infrared sensing, real-time real-time dynamic detection.



## 形选+色选+智选+质选 异物分选

Shape selection + color selection + texture selection Foreign body sorting

## 形选+色选+智选 智能分选

Shape selection + color selection + IT. selection Foreign body sorting

## 形选+色选 精选分选

Shape selection + color selection Featured Sorting

## 色选分选

color selection sorting

**红外光谱  
有效解决同色异物  
弥补普通彩色光学系统**

## 异物检测 Foreign object detection

精确剔除茶叶中可能混杂的石子, 土块, 金属, 玻璃, 包装纸, 茶头, 茶果, 瓜子壳, 编织袋, 烟头, 扫帚毛, 昆虫, 虫卵, 棕丝等恶劣杂质  
Accurately remove possible impurities such as stones, clods, metals, glass, wrapping paper, tea heads, tea fruits, melon shells, woven bags, cigarette butts, broom hairs, insects, eggs, brown silk and other vicious impurities in tea

