

## Applied Range

### 应用范围 >>>

粳米、籼米、糯米、杂交米、金丝米、小香米、泰国米、糙米、黑米、白芝麻、黑芝麻、脱皮芝麻、黄小米、黑小米、高粱米、薏仁米、小麦、荞麦、燕麦/燕麦片、玉米/玉米片、葵花籽/葵花仁、白瓜子仁、南瓜子/南瓜子仁、西瓜子、葡萄干、枸杞子、杏仁/杏仁片、花生/花生仁、脱水蔬菜、脱水蒜片、白云豆、红芸豆、蚕豆、蚕豆瓣、绿豆、红豆、黑豆、豇豆、咖啡豆、扁豆、绿茶、红茶、黑茶、白茶、棉种、水稻种、玉米种、小麦种、及各种种子类、工业塑料颗粒、烟丝

polished japonica rice, milled long-grain rice, glutinous rice, hybrid rice, jinsi rice, scented rice, Thai rice, coarse rice, black rice, white sesame, black sesame, peeled sesame, yellow millet, black millet, sorghum rice, myotonin; wheat, buckwheat, oats / oatmeal, corn / corn flakes; sunflower / sunflower kernels, white melon seeds, pumpkin seeds, melon seeds; dried grapes, wolfberry fruit, almond /almond tablet, groundnut/groundnut kernel, dehydrated vegetables, dehydrated cloveswhite kidney beans, red kidney beans, broad beans, mung beans, red beans, black beans, cowpeas, coffee beans, lentils green tea, black tea, fermented tea, white tea; cotton seed, rice seed, maize seed, wheat species, and various seeds plastic particles and cut tobacco

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# INFI-VISION GEN 1 FULL COLOR CCD MULTI-PURPOSE SORTER

## 极视一代

### 彩色CCD多用途精选机 >>>



**VSEE 唯嵩**

安徽唯嵩光电科技有限公司  
Anhui VSEE Optoelectronic Technology Co.,Ltd

# Company Profile

## 公司简介 >>>

安徽唯嵩光电科技有限公司是一家专业从事食品及工业色选设备研发、设计和生产的高新技术企业。公司拥有一支从事光电色选机行业和CCD色选机领域研究多年的技术研发团队，具有丰富的实践经验和强大的研发能力，尤其在以CCD传感器为代表的数字光电检测方面有自己独特的技术优势。本公司研制和生产的单色CCD色选机在国内处于行业领先水平，彩色CCD色选机在国内尚属首创。

唯嵩久阳烘干机为唯嵩与台湾合资项目，掌握多项核心技术。单台150吨低温循环烘干机是行业标杆，1000吨低温连续式烘干技术行业唯一；首创无绞龙结构及分段烘干技术，10到60吨低温循环烘干机取消进出料绞龙，有效解决谷物破碎难题，减少故障点。

目前，我司的色选产品有履带色选机、玻璃色选机、大米色选机、杂粮色选机、豆类色选机、咖啡豆色选机、芝麻色选机、瓜子色选机、葵仁色选机、塑料色选机、脱水蔬菜色选机、葡萄干色选机、种子色选机等系列产品；烘干机有10T、15T、20T、30T、40T、50T、80T、100T、130T、150T等系列产品；烘干炉有5L-30、5L-60、5L-1300、5L-1500、5L-2000五款高效间接炉，能满足不同客户的需求。此外，公司还可根据客户的实际需求，依据产品特点和加工要求，提供设计、生产制造、安装调试及技术培训等全套解决方案。

公司一贯奉行：技术领先、诚信为本、服务客户、拓展市场的宗旨，我们的员工以“质量、信誉、互惠、敬业、效率”为行为准则。本公司将始终坚持以先进的设计理念和专业的技术服务为每一位客户提供最优质的解决方案，切实满足客户的各种需求，真正提高客户的生产效益，实现我们的共同发展。



## Equipment Function

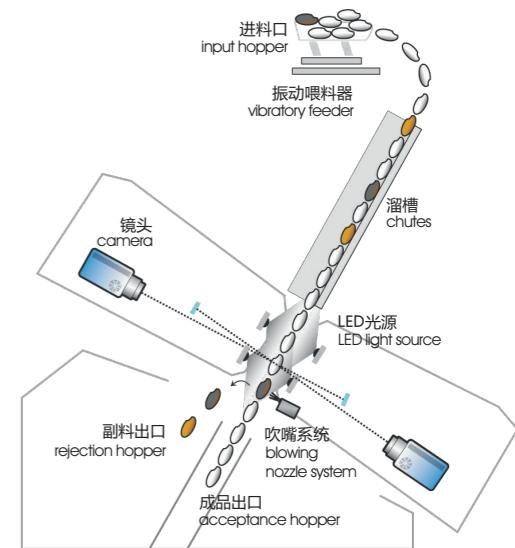
### 整机功能 >>>

极视一代精选机采用全新机械结构设计，软件系统设计采用了符合人体视觉感官的高精确HSV体系与RGB三基色体系的组合，让设备具备了比人眼更加出色的识别能力和高精度分选不同程度色彩的能力，充分解决大米、杂粮、塑料、脱水果蔬等各种物料的异色分选。全新除尘清灰系统提高了设备的安全环境。

INFI-VISION GEN 1 multi-purpose sorter using newest structure design, it adopts both the HSV system which according to the principle of the human eyes feeling and the RGB tri-chromatic system working at the same time, it brings us more good capability of identify than human eyes, and also brings high precision sorting ability. It can fully solve the problem of different color granules of rice, grains, plastics and dried fruit-vegetables etc. New design of dust-off system brings more safe working environment for multi-purpose sorter.

## Theory Of Structure

### 结构原理 >>>



## Sorting Cases

### 色选案例 >>>



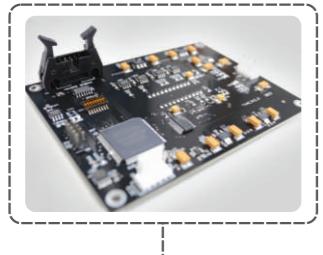
# INNOVATIVE TECHNOLOGY

## 创新科技 >>>



### 超清识别系统 High-quality distinction system

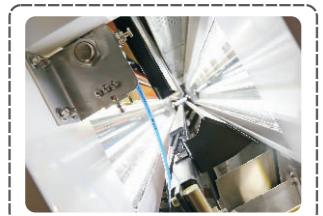
采用超清臻彩5400像素CCD图像传感器，最小识别精度达到0.1mm,可精确识别各种极微小斑点，病斑，瑕痕。  
Adopting HD full color 5400Px CCD image sensor that reach the aim of distinguishing 0.1mm are of object.



### 图像处理系统 Image processing system

1. 采用国外ALTER、TI公司的高性能FPGA、DSP芯片。
2. 第4代FPGA处理器技术，极大提升了机器的运算处理速度。

1. Adopting the chips of FPGA and DSP from companies of ALTER and TI.  
2. The forth generation processor technology of FPGA which sharply promoted the processing speed.

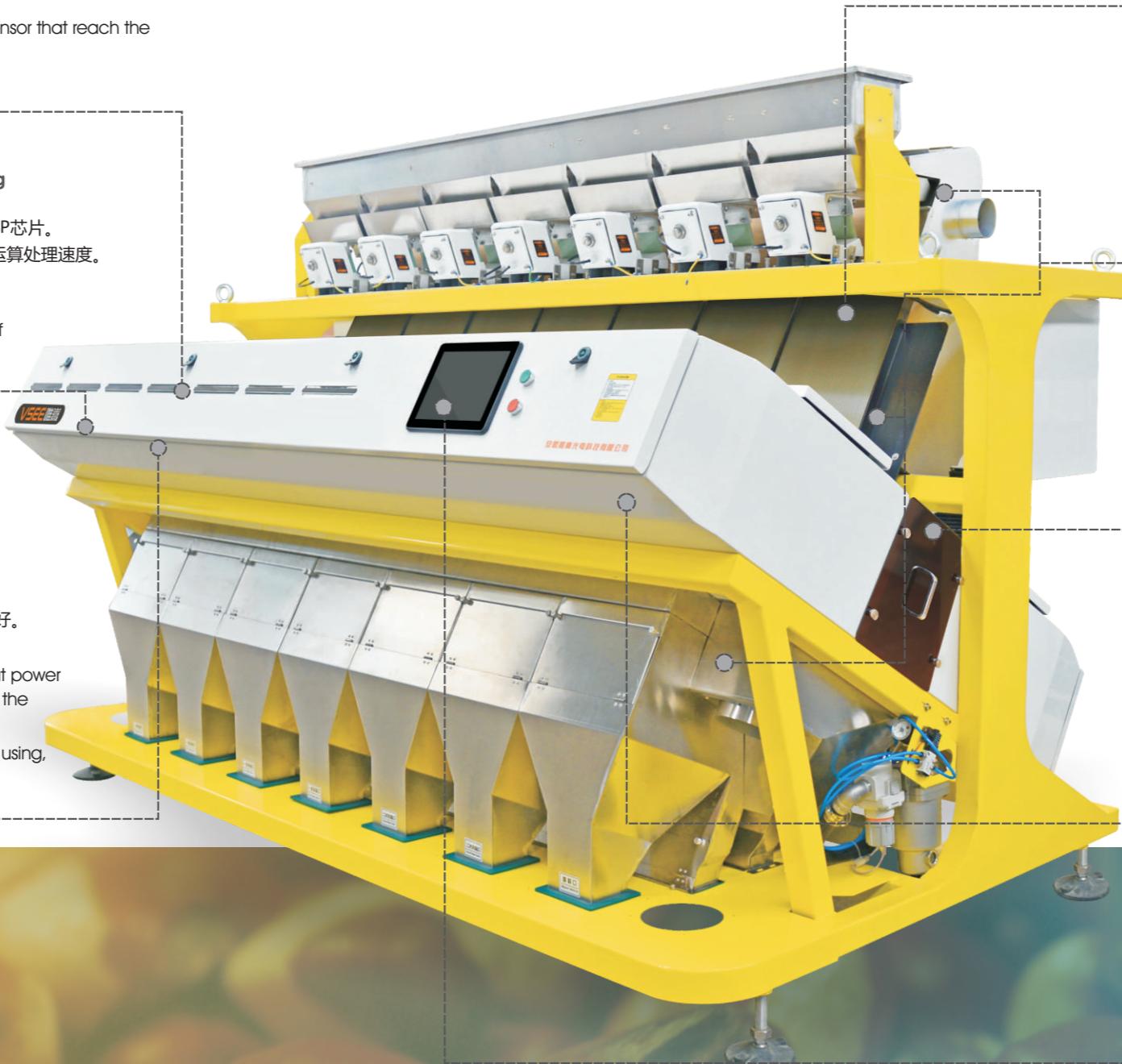


### 光源可调技术 Adjustable light source technology

全新LED光源可根据不同原料特征自动调整光源亮度输出，保证精确物料信息的获取；  
带散热的LED照明系统，寿命长，能耗低，性能好。

The overall upgrade LED light source could adjust the output power of light source according to those different materials, ensure the accurate obtaining of materials' information;

LED lighting system with radiating function makes it in longer using, lower energy consumption and better performance.



唯嵩精选机  
/极致精选 / 更加出色/

### FULL COLOR CCD COLOR SORTER



5400 像素  
5400 Pixel



吸尘装置  
Dust Collecting Device



超大产量  
Super high yield



全面升级  
Overall upgrade



全新光源  
New optical source



权威认证  
Authorized certification



专利认证  
Patent certification



ISO9001  
SGS

### 全新滑槽设计 Overall new chute design

采用特种工艺滑槽，使物料输出运行更加平稳，同时可配平板式及滑槽式满足多种物料色选要求。

Adopting special technology chute makes material transfer more steady, meanwhile, we also could provide plate-type and slot-type for meeting the various demands.



### 吸尘装置 Dust Collecting Device

采用了上中下吸尘装置，更好的解决了现场灰尘问题，为机器提供更好的工作环境。(选配)

By using the up-mid-low dust collecting devices, it is better to solve and improve the problem of machine working environment. (option)



### 清灰系统 Dust-cleaning System

独特的轨道式清洁装置，自带防尘装置，结构更加稳定，清灰效果更出色。

Unique track-type cleaning device, with dust-control design, the structure is more stable and the cleaning effect is more excellent.



### 独创高频喷阀 Original creative high frequency solenoid valve

国家专利认证电磁阀，工作寿命高达120亿次左右，使喷阀不再是易损件；响应速度极快，耗气量极低。

With the national patent certification, operating reached 12 billion times makes the solenoid valve is not a quick-wear part anymore; respond rapidly, lower air-consumption.



### 智能操作界面 Intelligence operation surface

全新超大电容触摸屏，任意滑动、多种物料储模式，操作便捷。

Overall capacitive touch screen, Easy hand operation, Automatic parameter setting, multiple sorting mode saved and Easy operation



## Various model of machinery

### 各类机型 >>>

公司产品种类丰富，从家用农户型到超大产能的色选机能满足各类客户需求，同时公司也可根据客户需求定制相关机型。

Company's products are rich in variety, from household to large production to meet the needs of various types of customers, but also according to customer demand for customized models.



IA4



IA5



IA6



IA7



IA8



IA10

## After-sale service

### 售后服务 >>>

#### 7x24小时快速响应

公司拥有完善的售后团队，及时为客户提供专业培训和技术指导，解决客户的后顾之忧，充分体现快速响应，及时维护，跟踪协调的服务模式。

#### 7\*24 HOURS RESPONDING

Company has a excellent after-sale service group, providing profession training and technique instructing. We adopting the service model of respond rapidly, maintenance quickly and follow-up closely.



## Specification Parameter

### 产品规格参数 >>>

型号	Model	6SXM -256[CCD] A	6SXM -320[CCD] A	6SXM - 384 [CCD] A	6SXM -448[CCD] A	6SXM - 512[CCD] A	6SXM - 640[CCD] A
		6SXZ -256[CCD] A	6SXZ -320 [CCD] A	6SXZ - 384[CCD] A	6SXZ -448[CCD] A	6SXZ - 512[CCD] A	6SXZ - 640[CCD] A
品名	Product	IA4	IA5	IA6	IA7	IA8	IA10
产量(t/h)	Throughput	3.0—6.5	3.5—8.0	4.0—10.0	8—12.0	9.0—13.0	10.0—20.0
色选精度	Accuracy	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%
二次带出比(坏料)	Waste	≥8:1	≥8:1	≥8:1	≥8:1	≥8:1	≥8:1
电源电压(V)	Voltage	~220v 50Hz	~220v 50Hz	~220v 50Hz	~220v 50Hz	~220v 50Hz	~220v 50Hz
主机功率(kw)	Power	2.5	2.8	3.1	3.4	4.0	4.5
气源压力(Mpa)	Pressure	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8
气源消耗(L/min)	Consumption	1500—2800	1600—3500	1800—3800	2000—4200	2200—4500	2500—5200
重量(Kg)	Weight	900	1200	1400	1600	1800	2100
外形尺寸(L×W×H)	Dimension	1857×1544×1870	2157×1544×1870	2457×1544×1870	2757×1544×1870	3057×1544×1870	3657×1544×1870

注：上表中的色选参数会因被选原料的品种、颗粒大小、形状、含不良品比例等不同而产生变化，请用户参照选型。

Note: The above parameters vary with types, shapes and grain sizes of raw materials and defect rate. please choose accordingly.

以上机器尺寸为参考值，如有变更恕不另行通知，以实物为准。

The above dimensions of the machine are only for reference, which are subject to change without notice. Kind prevail.

产品在印度 / 孟加拉 / 巴基斯坦 / 缅甸 / 越南 / 南非 / 土耳其 / 利比亚 / 斯里兰卡 / 巴拉圭 / 伊拉克 / 泰国 / 俄罗斯 / 加拿大 / 乌克兰  
Products in India/Bangladesh/Pakistan/Myanmar/Vietnam/SouthAfrica/Turkey/Libya/Sri Lanka/Paraguay/Iraq/Thailand/Russia/Canada/Ukraine