

服务承诺 Service promise: :

- ◆华科光电客户终身享受公司免费软件升级服务。
◆All customers are entitled to lifelong services of upgrading software free of charge.
- ◆华科光电产品自购买之日起，正常情况下免费保修一年（易损件除外）。
◆Under normal circumstances, free maintenance will be offered for one year from the day of purchase for all the components (exclusive of wearing parts).
- ◆服务热线13305693870全天候接听客户电话。
◆24-hour service hotline 13305693870 is available.
- ◆中国区域客户，售后服务人员在24小时以内到达
◆For customers within China, the after-sales service technician will arrive at the customer's location within 24 hours technician will arrive at the customer's location within 48 hours (except holidays); a force majeure may delay the services.
- ◆中国区域以外的客户，我公司负责提供技术人员的培训，24小时提供技术支持。
◆For customers outside China, the company offers training for technicians and 24-hour technical consultation services.

ISORT



ISORT

合肥华科光电科技有限公司

Hefei Huake Optoelectronic Technology Co.,Ltd

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ISORT 合肥华科光电科技有限公司
Hefei Huake Optoelectronic Technology Co.,Ltd

新一代高端智能CCD色选机系列
New Generation
Hi-Intelligence CCD Color Sorter Series



引领科技 创造未来
Innovative Technology Create Future

公司简介 Company Brief

合肥华科光电科技有限公司是一家专业从事色选机研发、生产、销售和技术服务为一体的高新技术企业，公司坐落于合肥高新区，主要生产艾索特牌大米色选机，杂粮色选机，茶叶色选机等。

合肥华科光电科技有限公司拥有强大的研发能力，先进的管理理念及严格的品质控制体系。公司生产的产品严格按ISO9001:2008质量管理体系控制。同时公司拥有齐全的检验设备，公司规定所有的产品在出货前都经过严格的测试检验以保证产品的质量。

合肥华科光电科技有限公司的产品远销美国，德国，中东，韩国，日本，巴西，东南亚等国家和地区。

客户的满意是我们全体员工努力的目标，公司将进一步推进各项工作的标准化，科学化，专业化，并全面贯彻产品的制造过程，以确保过硬的产品质量和客户最大的满意。

Hefei Huake Optoelectronic Technology Co.,Ltd (Huake) is a high-technology focused specialized in R&D, manufacture, sales and service of color sorting machinery, located in the high technology development zone in Hefei, branded as ISORT, our product ranges cover sorting solution for rice, cereal, tea etc.

Hefei Huake Optoelectronic Technology Co.,Ltd possesses strong capability of research and development power, advanced management conception and quality control system. Production management strictly follow the control system of ISO9001:2008, and Huake has full testing equipment, all products from Huake are quality secured by serious test before delivery.

Products of Huake have been successfully exported as well into the market America, German, Middle East, Korea, Japan, Brazil and South East Asia area.

Customer's satisfaction is always the mission of all our staff, Huake will further improve standardization of all work process scientifically and professionally, which will be fully applied in the process of manufacture to secure product quality and to keep customer's satisfaction utmost.



01

引领科技 创造未来



合肥华科光电科技有限公司
Hefei Huake Optoelectronic Technology Co., Ltd

机器部件 Machine parts



显示界面

- 操作简单，易学易用
- 支持各种语言，近千种色选模式

Display Interface

- Easy operation, easy to learn
- Multilanguage support available
- Nearly a thousand sorting mode memory function

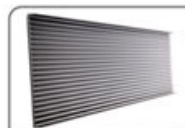


全球领先的LED光学技术

- 特殊光源设计，调光，可调色
- 自动散热功能，寿命更长，稳定性更高

Globally leading LED technology application

- Special light source design, light color changeable and adjustable
- Automatic heat release, longer working life and stability



料槽

- 高品质300mm超宽料槽，特种阳极化处理
- 可配瀑布式平板和窄槽通道

Flow chute

- High quality 300mm width chute, unique anodization treatment
- Waterfall-flat chute and gutter-type channels configuration available



芯片

- 超强超快数据运算能力
- 完美图像处理

Chip

- Super data processing competence
- Perfect image processing ability



电磁阀

- 高品质的高频电磁阀，接近零误差的一致性
- 超高精度，领先全球

Ejector

- High frequency electromagnetic valve, nearly zero-tolerance compliance
- High precision ejection



相机

- 进口高端2048PIXELS CCD传感器
- 知名国际顶级镜头

Camera

- Import quality high-end 2048 pixels CCD sensor
- Internationally well-known camera lense

02

引领科技 创造未来

大米色选机



- 采用颜色和形状相结合的智能算法，对浅水黄和微小病斑、针点黑头等进行针对性的特殊处理，提高分选的精度。
- 全球唯一双面选腹白功能，使选腹白产量更大，带出比更低。
- 领先的复合出料系统，每组独立采样；增强型复斗结构，有效降低带出比和耗气量。
- 简洁光学系统的设计、精确的自动校正系统，结合精心设计的人机界面，大大简化了机器调试和使用的复杂性，保证了操作简单，使得机器易学易用。

规格参数 Specifications

型号 Model	G3	G4	G5	G6
产量(T/H) Capacity (T/H)	3-8	5-11	6-13	8-15
色选精度 Sorting Accuracy	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99
带出比 Rejection Ratio (不良品:良品) (bad:good)	≥ 8:1	≥ 8:1	≥ 8:1	≥ 8:1
总重量(KG) Weight(kg)	700	800	900	1000
最小分辨率 Minimum identification	0.03	0.03	0.03	0.03
整机功率(KW) Power(KW)	2.0	2.5	3.0	3.5
外形尺寸 (长×宽×高)MM Size(LxWxH)mm	1648 × 1587 × 1968	1962 × 1587 × 1968	2276 × 1587 × 1968	2590 × 1587 × 1968
工作台尺寸 MM Platform Size(LxW)mm	3544 × 3500	3858 × 3500	4172 × 3500	4486 × 3500

注：上表中的色选性能参数均以标一梗米含杂4%为例，具体指标将因物料和含不良品量不同而有变化。请您（用户）根据需要参照选型。
Note: The sorting performance data is referred to the sorting of standard round-grain rice at 4% of contamination, the data is subject to change according to the material type and contamination ratio in original grains.



ZL 杂粮色选机

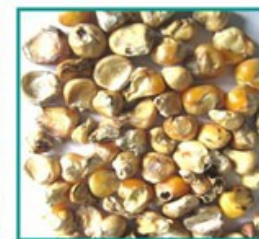


- 高灵敏度、高分辨率工业图像传感器，瞬间捕捉微小瑕疵；百万像素级别工业镜头，保证最小的图像失真；基于FPGA的处理技术，每秒运算超过百亿次。
- 高速相机每秒钟扫描超过12000次，完整获取待检物特征。
- 色选机专用高速电磁喷阀，每秒钟开关1200次。
- 简洁光学系统的设计、精确的自动校正系统，结合精心设计的人机界面，大大简化了机器调试和使用的复杂性，使得机器易学易用。

规格参数 Specifications

型号 Model	Z3(小颗粒)	Z4	Z5	Z6
产量(T/H) Capacity(T/H)	0.5-4	5-11	8-13	10-18
色选精度 Sorting Accuracy	≥99	≥99	≥99	≥99
带出比 Rejection Ratio (不良品:良品) (bad:good)	≥12:1	≥12:1	≥12:1	≥12:1
总重量(KG) Weight(kg)	600	700	900	1000
最小分辨率 Minimum identification	0.03	0.03	0.03	0.03
整机功率(KW) Power(KW)	1.5	2.0	2.5	3.0
外形尺寸 (长×宽×高)MM Size(LxWxH)mm	1648 × 1587 × 1968	1962 × 1587 × 1968	2276 × 1587 × 1968	2590 × 1587 × 1968
工作台尺寸 MM Platform Size(LxW)mm	3544 × 3500	3858 × 3500	4172 × 3500	4486 × 3500

注：以上参数以玉米粒（含杂质10%）为例，具体指标因物料大小含杂量的不同而有所变化。
Note: All performance data be impurities listed above 8% of the corn, as example, and the actual parameter is to be altered subject to different materials, size, impurity quantity, etc.



玉米成品/废品



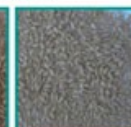
绿豆成品/废品



瓜子成品/废品



芝麻成品/废品



冬麦

小麦