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*因公司产品技术不断革新,本画册所展示的产品若涉及外观、配置或性能等升级的,以实际升级后的产品为准,本画册所展示内容仅做参考。

*Due to the continuous innovation of the company's product technology, if the appearance, configuration or performance of the products displayed in this album are upgraded, the actual upgraded products shall prevail. The content displayed in this album is for reference only.

2025年8月



杂粮分选 全场景解决方案

FULL SORTING SOLUTION FOR MULTI GRAINS

质控万粒 优中选优

QUALITY CHECK FOR TEN THOUSAND GRAINS
PICK THE BEST FROM THE GOOD



AI智选生态系统

AI INTELLIGENT SORTING SYSTEM

Global Intelligent Manufacturing
AI Vision Expert
世界智造•AI视觉专家

TAI+智能算法系统

TAI+ intelligent algorithm system

多维色选算法+创新形选算法+深度学习算法，多元识别物料颜色、形状、纹理、面积、密度、材质等各类信息。

Multi-dimensional color sorting algorithm + innovative shape sorting algorithm + deep learning algorithm, multiple recognition of material color, shape, texture, area, density, material and other information.

TAI+智芯处理系统

TAI+ Intelligent core processing system

应用SOC智芯系统架构，搭载智能分选平台，拥有超强算力，构建集成度更高、运算更快、分选能力更强的处理系统。

The application of SOC intelligent core system architecture, equipped with intelligent sorting platform, with super computing power, to build a processing system with higher integration, faster computing and stronger sorting ability.

TAI+光学感知系统

TAI+ optical sensing system

采用低温聚光LED光源，智能调光，1600万种混色，节能更耐用；匹配AI颜色还原技术，自主纠偏校色，高还原、超保真。

Using low temperature concentrated LED light source, intelligent dimming, 16 million color mixing, energy saving and more durable; Matching AI color restoration technology, self-correcting color correction, high restoration, ultra-fidelity.

TAI+超清视觉系统

TAI+ ultra high-definition vision system

适配高清CCD/CMOS相机，单个相机内嵌AI管理系统；融合分时光源技术，高速成像，实现智能超清分辨。

Suitable for high-definition CCD/CMOS industrial cameras, AI management system embedded with each single cameras; Integration of time-sharing light source technology, high-speed imaging, intelligent ultra-clear resolution.

TAI+万物互联系统

TAI+ Internet of Every system

利用TAI+智造互联平台，4G/5G+华为云联设备，实现智慧物联、自动交互；应用微信小程序，远程运维、在线服务。

Using TAI+ intelligent interconnection platform, 4G/5G+ Huawei cloud connection equipment to achieve intelligent iot and automatic interaction; Application of wechat mini program, remote operation and maintenance, online services.

TAI+变频喷吹系统

TAI+ frequency conversion ejection system

搭载智能变频电磁阀，130亿次长效喷吹，不漏气、低功耗；应用自适应喷吹技术，0.05毫秒快速响应，无尾气、低带出。

Equipped with intelligent frequency conversion solenoid ejector, 13 billion times long-term ejector, no leakage, low power consumption; Application of self-adaption ejection technology, 0.05ms fast response, no exhaust gas, low takeout.

TAI+除尘净化系统

TAI+ dust removal purification system

全覆盖渐变式空气净化，水、油、尘全过滤，不遗漏、零污染；自协同清灰技术，实时感应式清灰，零延时、更干净。

Full coverage gradual air purification, water, oil, dust filter, no omission, zero pollution; Self-coordinated cleaning technology, real-time induction cleaning, zero delay, makes more cleaner.

TAI+柔性防护系统

TAI+ flexible protection system

一体化防撞无损设计，软着陆柔性出料，有效减少物料破碎；食品级接触材料，全流程安全呵护，健康品质有保障。

Integrated anti-collision and non-destructive design, soft landing and flexible discharge, effectively reduce material breakage; Food grade materials which contact with food. All above guaranteed the whole proces safety, and health quality.

杂粮分选全场景解决方案

FULL SORTING SOLUTION FOR MULTI GRAINS

Global Intelligent Manufacturing
AI Vision Expert
世界智造·AI视觉专家

泰禾智能 一键智选

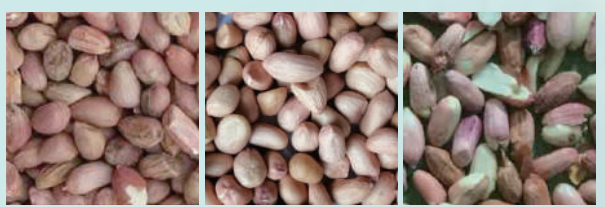
TAIHE INTELLIGENT
ONE KEY INTELLIGENT SORTING

适用于玉米、花生米、高粱、小麦、黄豆、绿豆、
花椒等300余种杂粮物料的分选，全新一代平
台化机型搭配全新一代深度学习算法，让杂粮
去“杂”，让精粮更“精”，为客户提供更高效、
更便捷、更高价值的杂粮分选解决方案。

Suitable for sorting 300+ grain materials such as
corn, peanuts, sorghum, wheat, soybeans,
mung beans, pepper, etc., The new generation
of platform with the new generation of deep
learning algorithms makes grains Impurities to
"much pure", refined grains more "refined". Pro-
vide customers with more efficient, more conven-
ient, and higher value of grain sorting solu-
tions.



花生米/Shelled peanuts



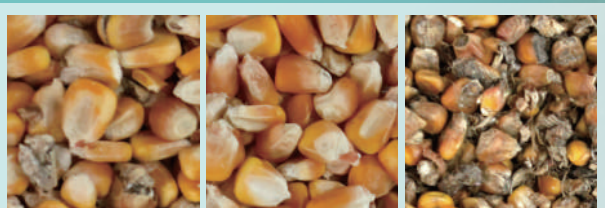
原料/Raw material 成品/ After sorting 次品/Rejection

花生果/Peanuts



原料/Raw material 成品/ After sorting 次品/Rejection

玉米/Corn



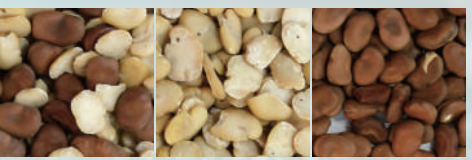
原料/Raw material 成品/ After sorting 次品/Rejection

葵花籽/Sunflower seeds



原料/Raw material 成品/ After sorting 次品/Rejection

蚕豆片/Fava bean chips



原料 /Raw material 成品 / After sorting 次品 /Rejection

黄豆/Soybeans



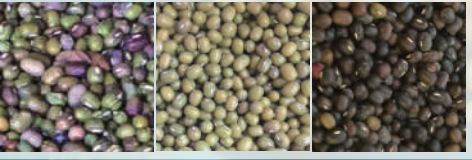
原料 /Raw material 成品 / After sorting 次品 /Rejection

脱皮芝麻/Peeled sesame seeds



原料 /Raw material 成品 / After sorting 次品 /Rejection

绿豆/Green mung beans



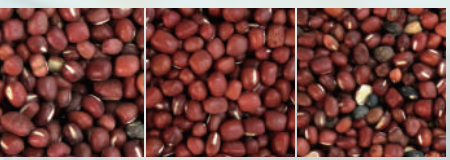
原料 /Raw material 成品 / After sorting 次品 /Rejection

枸杞/Dried chinese wolfberries



原料 /Raw material 成品 / After sorting 次品 /Rejection

红豆/Red beans



原料 /Raw material 成品 / After sorting 次品 /Rejection

奶花豆/Light speckled kidney beans



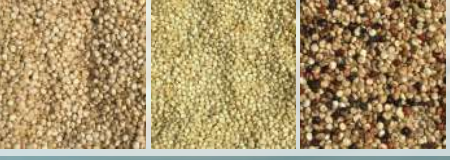
原料 /Raw material 成品 / After sorting 次品 /Rejection

芝麻/Sesame seeds



原料 /Raw material 成品 / After sorting 次品 /Rejection

藜麦/Quinoa



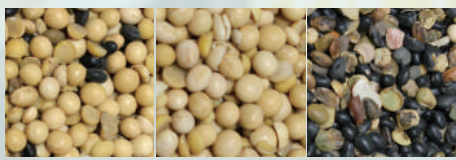
原料 /Raw material 成品 / After sorting 次品 /Rejection

花椒/Sichuan pepper



原料 /Raw material 成品 / After sorting 次品 /Rejection

小黄豆/Small soybeans



原料 /Raw material 成品 / After sorting 次品 /Rejection

紫花豆/Purple speckled kidney beans



原料 /Raw material 成品 / After sorting 次品 /Rejection

小麦/Wheat



原料 /Raw material 成品 / After sorting 次品 /Rejection

咖啡豆/Coffee beans



原料 /Raw material 成品 / After sorting 次品 /Rejection

亚麻籽/Flaxseed



原料 /Raw material 成品 / After sorting 次品 /Rejection

AI智选深度学习

AI SORT DEEP LEARNING

Global Intelligent Manufacturing
AI Vision Expert
世界智造·AI视觉专家

AI自采集 / AI self-acquisition

类神经元模型架构，智能图像采集，快速完成数据标注

Neuronal-like architecture, intelligent image capture, rapid data annotation

AI自识别 / AI self-recognition

8核CPU高效驱动，多样视觉算法，自主分类组合识别

8-core CPU-driven, diverse visual algorithms, autonomous classification & recognition

AI自学习 / AI self-learning

模型蒸馏协调训练，数据迁移学习，快速提升学习效果

Model distillation for coordinated training, data transfer learning, fast learning improvement

AI自执行 / AI self-execution

每秒百万亿次算力，神经网络推理，自动精准定位分选

Hundreds of trillions of operations/sec, neural network inference, auto-precise sorting

超脑深度学习平台

Superbrain deep learning platform



超脑深度学习
Superbrain deep learning



高速数据传输
High-speed data transmission



海量信息处理
Mass information processing



精准识别分选
Accurate identification and sorting

天眼系列

OBSERVATION SERIES

杂粮分选智稳先锋

SMART & STABLE PIONEER FOR GRAIN SORTING

Global Intelligent Manufacturing
AI Vision Expert
世界智造•AI视觉专家

产品介绍 / Product introduction

- ▶ 高精识别系统：搭载高清工业 CCD/CMOS 相机与形色双选算法,可捕捉物料的颜色、纹理特征,20 年杂粮特征数据积累,实现微小病斑、杂质的精准识别;
High-Precision Recognition System: Industrial-grade CCD/CMOS camera + shape-color dual-sorting algorithm captures color and texture features. 20+ years of grain feature data ensures precise identification of tiny spots and impurities;
- ▶ 模块平台设计：标准化模块设计,可快速适配大豆、玉米、花椒等各类杂粮分选。系统可自动加载预设参数,支持多通道并行处理,满足不同规模的梯度化需求;
Modular Platform Design: Standardized modules enable quick adaptation to soybean, corn, pepper and other grains. System auto-loads preset parameters, supports multi-channel processing for scalable production needs;
- ▶ 柔性无损分选：智能高频电磁阀,气流压力动态调节,高效高精低能耗,中心定位更精准,保留高价值完整谷物,成品价值更高;
Flexible Non-Destructive Sorting: High-frequency solenoid ejector with dynamic air pressure adjustment , ensures high-precision sorting at low air consumption. Centered makes preserves intact grains for higher product value;
- ▶ 智能远程运维：特制防尘净化系统 + 模块化易损件结构,寿命更长久,维保更简单,结合云端大数据平台,实现设备远程运维,省心省力。
Intelligent Remote Maintenance: Special dust-proof system + modular replaceable parts for easy maintenance. Cloud-based big data enables remote monitoring and parameter optimization for easy operation.



适用物料 / Applicable materials

适用于花生米、玉米、葵花籽、芝麻、小麦、黄豆、绿豆、高粱等各类杂粮分选。
Suitable for sorting peanut, corn, sunflower seeds, sesame, wheat, soybeans, mung beans, sorghum and other kinds of grains.



性能参数 / Performance parameter

产品系列 Product series	型号 Model	处理量 Throughput (t/h)	整机功率 Power (kW)	电源电压 Electricity voltage (V)	气源压力 Air pressure (MPa)	气源消耗 Air consumption (m³/min)	规格尺寸 Size (mm)	机器重量 Weight (kg)
天眼系列 Observation Series	6SXZ-189C	7.5-10.5	1.8	AC220V±5% 50/60Hz	0.5-0.8	1.7-2.4	1706*1525*1935	1135
	6SXZ-315C	12.5-17.5	2.7	AC220V±5% 50/60Hz	0.5-0.8	2.8-4.1	2355*1525*1935	1550
	6SXZ-441C	17.5-24.5	3.8	AC220V±5% 50/60Hz	0.5-0.8	3.9-5.7	2823*1525*1935	1955
	6SXZ-504C	20.0-28.0	4.2	AC220V±5% 50/60Hz	0.5-0.8	4.5-6.5	3137*1525*1935	2190
	6SXZ-630CV	25.0-35.0	5.0	AC220V±5% 50/60Hz	0.5-0.8	5.0-7.5	3765*1525*1935	2575
	6SXZ-756C	30.0-42.0	5.9	AC220V±5% 50/60Hz	0.5-0.8	6.0-9.0	4403*1525*1935	3045
	6SXZ-756CB	30.0-42.0	6.9	AC220V±5% 50/60Hz	0.5-0.8	6.0-9.0	2822*2901*1940	2837
	6SXZ-1008CB	40.0-56.0	8.6	AC220V±5% 50/60Hz	0.5-0.8	8.2-12.2	3450*2901*1940	3636

备注:1、以上色选性能均以含杂低于5%的玉米为例;2、产品配置处于不断更新中,不同时期产品的配置参数可能存有差异,具体以实物机器为准;3、本画册所展示的性能经测试产生,实际生产时可能因现场环境不同而有所差异。

Notes:The above color sorting performance is exemplified by corn with an impurity content of less than 5%.Product configurations are continuously updated, and configuration parameters of products in different periods may vary. The actual machine shall prevail.The performance demonstrated in this catalogue is derived from tests, and may differ in actual production due to variations in on-site conditions.

天眼Pro系列

OBSERVATION PRO SERIES

杂粮高产加速引擎

HIGH-YIELD ACCELERATING ENGINE FOR GRAINS

Global Intelligent Manufacturing
AI Vision Expert
世界智造·AI视觉专家

产品介绍 / Product introduction

- ▶ 高产机型；大产量配置,处理系统全面升级,入料承载力提升 3-5 倍,高频智能电磁阀秒吹千次,保证精度的同时,分选效率提高 60%；
High production model; Large output configuration, comprehensive upgrade of the processing system, the loading capacity is increased by 3-5 times, high-frequency intelligent solenoid ejector is blown thousands of times per second, the sorting efficiency is increased by 60%, also ensuring accuracy;
- ▶ 高精算法；高精度智能形色双选算法,最优光学设计,高清识别成像,可解决霉变、萎缩、虫蚀、恶杂等各类杂粮分选难题；
High precision algorithm; High-precision intelligent shape and color double sorting algorithm, optimal optical design, high-definition recognition imaging, can solve the sorting problems such as mildew, atrophy, insect erosion, other kinds of impurities;
- ▶ 高稳定性；平台化立式机型,结构设计标准化、模块化,专属除尘净化系统,环境适应性更强,产品性能更好更稳定；
High stability; Platform-based vertical models, standardized and modular structure design, exclusive dust removal and purification system, better environmental adaptability, better and more stable product performance;
- ▶ 高适用性；二十年积淀,产品适用于 300 余种不同杂粮品类,可分选异种粮、异色、霉变、残损、石子等各类恶杂和问题杂粮,有效提升杂粮产品质量。
High applicability; Twenty years of accumulation, the products are suitable for more than 300 different kinds of grain categories, can be sorted different grain, different color, mildew, damaged, stone and other kinds of impurities and problematic grains. Which effectively improve the quality of grain products.



适用物料 / Applicable materials

适用于花生米、玉米、葵花籽、芝麻、小麦、黄豆、绿豆、高粱等各类杂粮分选。
Suitable for sorting peanut, corn, sunflower seeds, sesame, wheat, soybeans, mung beans, sorghum and other kinds of grains.



性能参数 / Performance parameter

产品系列 Product series	型号 Model	处理量 Throughput (t/h)	整机功率 Power (kW)	电源电压 Electricity voltage (V)	气源压力 Air pressure (MPa)	气源消耗 Air consumption (m³/min)	规格尺寸 Size (mm)	机器重量 Weight (kg)
天眼Pro系列 Observation Pro Series	6SXZ-270C	7.5-12.0	1.8	AC220V±5% 50/60Hz	0.5-0.8	2.0-2.8	1706*1525*1935	1135
	6SXZ-450C	12.5-20.0	2.7	AC220V±5% 50/60Hz	0.5-0.8	3.4-4.9	2355*1525*1935	1550
	6SXZ-630C	17.5-28.0	3.8	AC220V±5% 50/60Hz	0.5-0.8	4.9-6.8	2823*1525*1935	1955
	6SXZ-720C	20.0-32.0	4.2	AC220V±5% 50/60Hz	0.5-0.8	5.9-7.8	3137*1525*1935	2190
	6SXZ-900C	25.0-40.0	5.0	AC220V±5% 50/60Hz	0.5-0.8	6.0-9.0	3765*1525*1935	2575
	6SXZ-1080C	30.0-48.0	5.9	AC220V±5% 50/60Hz	0.5-0.8	7.2-10.8	4403*1525*1935	3045
	6SXZ-1080CB	30.0-48.0	6.9	AC220V±5% 50/60Hz	0.5-0.8	7.2-10.8	2822*2901*1940	2837
	6SXZ-1440CB	40.0-64.0	8.6	AC220V±5% 50/60Hz	0.5-0.8	9.6-14.4	3450*2901*1940	3636

备注:1、以上色选性能均以含杂低于5%的玉米为例;2、产品配置处于不断更新中,不同时期产品的配置参数可能存有差异,具体以实物机器为准;3、本画册所展示的性能经测试产生,实际生产时可能因现场环境不同而有所差异。

Notes:The above color sorting performance is exemplified by corn with an impurity content of less than 5%.Product configurations are continuously updated, and configuration parameters of products in different periods may vary. The actual machine shall prevail.The performance demonstrated in this catalogue is derived from tests, and may differ in actual production due to variations in on-site conditions.

天眼Ultra紫外系列

OBSERVATION ULTRA ULTRAVIOLET SERIES

杂粮毒素防御卫士

TOXIN DEFENSE GUARDIAN FOR GRAINS

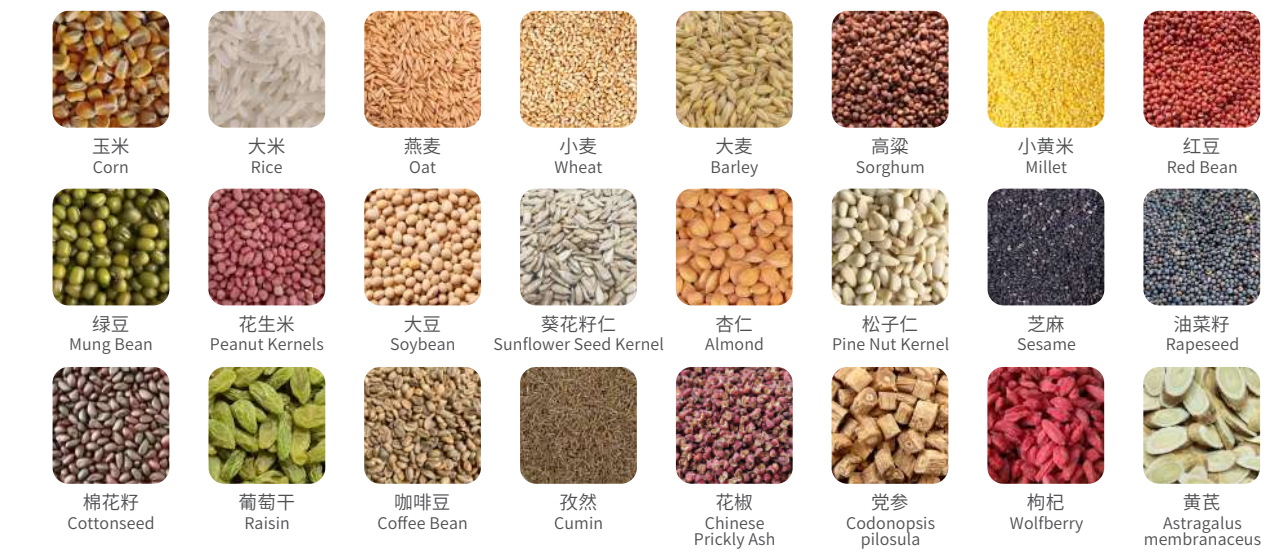
Global Intelligent Manufacturing
AI Vision Expert
世界智造•AI视觉专家

产品介绍 / Product introduction

- 毒素精检：**搭载动态紫外 - 可见光多光谱协同检测技术，集成进口高灵敏度紫外冷光源，应用荧光激发光谱成像技术，精准捕捉黄曲霉毒素、玉米赤霉烯酮、呕吐毒素等有害物质，检测精度达微克级，超越国标食品安全检测标准。
Ultra-Sensitive Toxin Detection: Dynamic UV-visible multi-spectral tech with high-sensitivity UV cold light detects aflatoxins, zearalenone, DON at microgram levels—surpassing food safety norms.
- 深度学习：**内嵌自研深度学习算法平台，融合跨域迁移学习与动态特征建模技术，可针对不同产区、不同品种的杂粮形态特征，自动优化识别模型，精准区分霉变、虫蛀、杂质等各类不良品，分选精度大幅提升，实现一机适配全球粮源的智能生产。
AI-Powered Sorting: Self-developed deep learning auto-optimizes for global grains, distinguishing mold, pests, and impurities with boosted accuracy—one machine for all origin grains.
- 高清成像：**配备工业级 4K 超高清成像模组，搭载 CMOS 图像传感器与高清 4K 镜头，实现像素级瑕疵识别。配合 9 孔阵列式智能电磁阀，构建“高速成像 - 智能判别 - 精准剔除”毫秒级闭环链路，兼具高产高效特性，单台设备处理量可达 35 吨 / 小时。
4K Imaging & High-Speed Performance: CMOS imaging (4K lens) spots pixel-level defects. Paired with 9-hole solenoid ejector and High-speed imaging-intelligent identification-precise elimination-millisecond sorting: make the single machine up to 35 tons/hour throughput.
- 安全灵活：**采用模块化标准机型架构，支持一键式智能分选与多场景工艺参数快速切换，可灵活适配多种作业环境，运行稳定可靠、耐用性强，易于维护保养。非接触式光谱检测与气动无损剔除工艺，分选过程环保安全，可满足杂粮高品质分选需求。
Flexible & Safe Operation: Modular design enables one-key sorting and quick parameter shifts. Non-contact spectral + pneumatic rejection: eco-safe, durable, easy to maintain.

适用物料 / Applicable materials

适用于大米、花生、玉米、坚果、豆类、高粱等各类杂粮中的毒素及杂质分选。
Designed for sorting mold toxins and impurities in peanuts, rice, corn, nuts, beans, sorghum and other coarse grains.



性能参数 / Performance parameter

产品系列 Product series	型号 Model	处理量 Throughput (t/h)	整机功率 Power (kW)	电源电压 Electricity voltage (V)	气源压力 Air pressure (MPa)	气源消耗 Air consumption (m³/min)	规格尺寸 Size (mm)	机器重量 Weight (kg)
天眼Ultra 紫外系列 Observation Ultra UV Series	6SXZ-900C	20.0-30.0	5.1	AC220V±5% 50/60Hz	0.5-0.8	6.0-9.0	3765*1525*1935	2294
	6SXZ-1080C	25.0-35.0	6.3	AC220V±5% 50/60Hz	0.5-0.8	7.2-10.8	4403*1525*1935	2720

备注：1、以上色选性能均以含杂低于5%的玉米为例；2、产品配置处于不断更新中，不同时期产品的配置参数可能存有差异，具体以实物机器为准；3、本画册所展示的性能经测试产生，实际生产时可能因现场环境不同而有所差异。
Notes: The above color sorting performance is exemplified by corn with an impurity content of less than 5%. Product configurations are continuously updated, and configuration parameters of products in different periods may vary. The actual machine shall prevail. The performance demonstrated in this catalogue is derived from tests, and may differ in actual production due to variations in on-site conditions.

万象深度学习系列

OMNI DEEP LEARNING SERIES

杂粮精选智慧专家

SMART EXPERT FOR GRAIN PRECISION SORTING

Global Intelligent Manufacturing
AI Vision Expert
世界智造•AI视觉专家

产品介绍 / Product introduction

- 深度学习, 智能定制分选。高效采集学习杂粮形、色、纹理等特征, 快速处理海量的图像数据并生成定制化分选方案, 分选的准确性和可靠性跃阶提升。
Deep learning, intelligent customization sorting. Efficiently collect and learn the shape, color and texture characteristics of grains, quickly process massive image data, generate customized sorting schemes, and improve the accuracy and reliability of sorting.
- 高精算法, 分选效果升级。高算力配置 + 高精度算法 + 高清识别镜头, 精准识别杂粮中的各类异种粮、石子、塑料等恶杂与霉变、破损、干瘪等不完善粒。
High precision algorithm, high sorting efficiency: High computing power configuration + high-precision algorithm + HD recognition lens, accurately identify all kinds of different grain, stone, plastic and other impurities and mildew, damage, shriveled and other imperfect grains.
- 一机多用, 摆脱换料困扰。智能配置, 操作简单, 调试迅捷, 可快速适应新的物料和生产要求, 提高生产灵活性, 提质也提效。
A multi-purpose machine, Flexible material switching. Intelligent configuration, easy operation, can quickly adapt to new materials and production requirements. improve production flexibility, improve quality and improve efficiency.
- 专属定制, 物料适应更强。根据用户的特定需求和每一类杂粮物料特点进行训练, 为每一批物料打造专属定制分选方案。
Exclusive customization, stronger material adaptation. Training according to the specific needs of users and the characteristics of each type of grain material, to create a personalized sorting programe.

适用物料 / Applicable materials

本产品适用于花生果、葵花籽、辣椒、咖啡豆、枸杞等各类杂粮、坚果及中药物料分选。
This product is suitable for sorting various grains, nuts and Chinese medicinal materials such as peanut fruits, sunflower seeds, peppers, coffee beans and wolfberries.



性能参数 / Performance parameter

产品系列 Product series	型号 Model	处理量 Throughput (t/h)	整机功率 Power (kW)	电源电压 Electricity voltage (V)	气源压力 Air pressure (MPa)	气源消耗 Air consumption (m³/min)	规格尺寸 Size (mm)	机器重量 Weight (kg)
万象系列 (电磁振动器)	6SXZ-126LA	3.0-5.0	3.6	AC380V±10% 50/60Hz	0.5-0.8	0.8-1.5	3602*1670*1775	1220
	6SXZ-252LA	6.0-13.0	4.4	AC380V±10% 50/60Hz	0.5-0.8	2.0-3.5	3564*2289*1885	1427
	6SXZ-378LA	8.0-15.0	5.8	AC380V±10% 50/60Hz	0.5-0.8	2.5-4.4	3602*2830*1765	2155
	6SXZ-504LS	7.0-14.0	8.1	AC380V±10% 50/60Hz	0.5-0.8	2.5-4.4	3564*2289*2430	2405
	6SXZ-756LS	12.0-20.0	10.5	AC380V±10% 50/60Hz	0.5-0.8	5.0-6.5	3602*2830*2630	3730
万象系列 (电机振动器)	6SXZ-252LAD	6.0-13.0	4.4	AC380V±10% 50/60Hz	0.5-0.8	2.0-3.5	4405*2570*1680	1880
	6SXZ-378LAD	8.0-15.0	6.1	AC380V±10% 50/60Hz	0.5-0.8	2.5-4.4	4850*3090*1680	2180
	6SXZ-504LSD	7.0-14.0	9.0	AC380V±10% 50/60Hz	0.5-0.8	2.5-4.4	4973*2340*2940	3445
	6SXZ-756LSD	12.0-20.0	10.2	AC380V±10% 50/60Hz	0.5-0.8	5.0-6.5	4973*2940*2940	4060

备注: 1、以上色选性能均以含杂低于5%的花生为例; 2、产品配置处于不断更新中, 不同时期产品的配置参数可能存有差异, 具体以实物机器为准; 3、本画册所展示的性能经测试产生, 实际生产时可能因现场环境不同而有所差异。

Notes: 1.The above color separation performance takes peanut containing less than 5% impurity as an example; 2.the product configuration is constantly updated, different periods of product configuration parameters may be different, the specific physical machine shall prevail; 3.The performance shown in this album has been tested and produced, and may be different in actual production due to different site environments.

X射线异物检测系列

X-RAY FOREIGN MATERIAL DETECTION SERIES

杂粮异物净化猎手

PURIFICATION HUNTER FOR GRAIN FOREIGN MATTER

Global Intelligent Manufacturing
AI Vision Expert
世界智造•AI视觉专家

产品介绍 / Product introduction

- ▶ 智能分选,应用 AI 深度学习技术,自主采集杂粮特征,精准识别各类杂质;
Intelligent sorting, the application of AI deep learning technology, independent collection of grain characteristics, accurate identification of various impurities;
- ▶ 高精识别,精准检测杂粮中难以识别的高、低密度杂质和各类微小异物;
High-precision recognition and accurate detection of high and low density impurities and various tiny foreign matters that are difficult to identify in grains;
- ▶ 多元适配,多款设备机型,可针对散装和包装类杂粮产品进行专业化精准分选;
Multiple adaptation, multiple equipment models, can be specialized and accurate sorting for bulk and packaging multigrain products;
- ▶ 应用便捷,极简 UI 设计,操作简单易上手,多种网络连接方式,支持远程操作;
Convenient application, minimal UI design, easy to use, a variety of network connection, support for remote operation;
- ▶ 安全保障,辐射安全标准规范优于国际标准,具有安全联锁监控功能,设备应用更安全。
Safety guarantee, radiation safety standards are superior to international standards, with safety interlock monitoring function, equipment application is safer.

适用物料 / Applicable materials

本产品适用于散装和包装形态的玉米、花生、豆类、葵花籽等各类杂粮检测,实现高密度异物和缺陷物料的剔除和分选。
This product is suitable for the detection of corn, peanuts, beans, sunflower seeds and other grains in bulk and packaging form, to achieve the removal and sorting of high-density foreign and defective materials.

适用物料 / Applicable materials

花生米
Peanuts

葵花籽
Sunflower seeds

核桃
Walnut

香辛料
Spices

包装杂粮
Packaged miscellaneous grains

包装糕点
Packaged cakes

花生米
Peanuts

葵花籽
Sunflower seeds

核桃
Walnut

香辛料
Spices

包装杂粮
Packaged miscellaneous grains

包装糕点
Packaged cakes

咖啡
Coffee

黄豆
Soybean

袋装粮食
Bagged rice and grain

休闲食品
Snack food

袋装调味料
Bagged seasoning

包装坚果
Packaged nuts

识别杂质 / Identify impurities

金属
Metal

玻璃
Glass

石头
Stone

陶瓷
Ceramic

橡胶
Rubber

玻璃
Glass

密致塑料
Dense plastic

土块
Clod

土块
Clod

贝壳
Shell



性能参数 / Performance parameter

产品系列 Product series	型号 Model	处理量 Throughput (t/h)	整机功率 Power (kW)	电源电压 Electricity voltage (V)	辐射泄露水平 Radiation leakage level (μSv/h)	剔除方式 Remove method	规格尺寸 Size (mm)	机器重量 Weight (kg)
散料专用系列 X射线异物检测机 For bulk materials X-ray foreign material detector	THX-S400B	1.0-2.0	2.5	AC220/380V 50Hz	<1	72通道吹气剔除 Air blow rejection	3430*1310*2200	950
	THX-S600B	1.5-3.0	2.9	AC220/380V 50Hz	<1	108通道吹气剔除 Air blow rejection	3990*1505*2200	1000
包装料专用系列 X射线异物检测机 For packaging materials X-ray foreign material detector	THX-S200P	/	1.5	AC220V 50Hz	<1	可选摆杆/翻板/推杆等 swing arm/flap/push rod, etc.	1185*960*1680	350
	THX-S400P	/	2.0	AC220V 50Hz	<1	可选摆杆/翻板/推杆等 swing arm/flap/push rod, etc.	1210*1115*1775	450

备注: 1、以上色选性能均以含杂低于2%的花生为例; 2、产品配置处于不断更新中, 不同时期产品的配置参数可能存有差异, 具体以实物机器为准; 3、本画册所展示的性能经测试产生, 实际生产时可能因现场环境不同而有所差异。

Notes: 1. The above color separation performance takes peanut containing less than 2% impurity as an example; 2. the product configuration is constantly updated, different periods of product configuration parameters may be different, the specific physical machine shall prevail; 3. The performance shown in this album has been tested and produced, and may be different in actual production due to different site environments.

合作客户

COOPERATIVE CLIENT



客户应用案例

USER APPLICATION CASES

AI智选·数字分选技术开创者

我们的产品销售遍布国内**30**多个省市自治区，
出口**100**多个国家和地区。

AI Sort · Global Intelligent Manufacturer
Our products are sold in more than 30 provinces,
cities and autonomous regions in China,
and exported to over 100 countries and regions.



 **TAIHO 泰禾**

售后服务

AFTER-SALE SERVICES

公司坚持“以客户为中心”为指导方针,倡导所有员工随时关注客户的需求,竭力为国内外客户提供解决方案的服务理念。

公司现有90余名售后服务人员,服务下沉至地市级,直接贴近客户,为客户提供及时、快速、周到的服务,实现24小时内上门服务。

对客户实行整机一年免费维护和保养,并及时提供专业培训和技術指导解决客户后顾之忧,充分体现快速响应,及时维护,跟踪协调的服务模式。

The company adheres to the “customer-centered” guideline, advocates all staff to focus on customer demand and strives to provide solutions for domestic and overseas customers.

There are more than 90 after-sales service workers in the company, and the services go to prefecture-level cities and directly approach customers. The service workers provide timely, fast and thoughtful services and achieve 24h door-to-door services.

The whole machine will be maintained free of charge for one year, and professional training and technical guidance will be provided for customers to solve their worries. These fully mirror the service mode of quick response, timely maintenance, tracking and coordination.



400-660-9996

Global Intelligent Manufacturing
AI Vision Expert
世界智造•AI视觉专家

整机一年免费
维护和保养
One-year free
warranty

24小时内
上门服务
24-hour local agent
response

7x24小时
用户咨询服务
free consultation
service 7*24 hours

建立用户档案
实行跟踪服务
Establish user files,
implement tracking
services



泰禾AI智选·数字分选技术开创者

TAIHO AI SORT · DIGITAL SORT TECHNOLOGY PATHFINDER

2004

合肥泰禾智能科技集团
股份有限公司成立；
2004: Taiho was founded;

2017

上海证券交易所成功上市，
股票代码: 603656；
2017: TAIHO was listed in
Shanghai Stock Exchange,
Stock Code: 603656;

2008

成为首家将高速高分辨率
CCD技术应用于分选领域
的企业；
2008: The first company to apply
high-speed and high-resolution
CCD technology to the field of
sorting;

2018

首创将人工智能应用于
智能分选领域；
2018: First application of AI
Intelligent Technology in the
color sorting industry;

2022

AI智选数字分选技术
正式发布；
2022: AI Sort Digital sorting
Technology was officially
released;

2025

AI智选技术革新，
深度神经网络泛化性能突破进阶。
2025: Technological Innovation
in AI sorting brings advanced
breakthrough in General
Performance of Deep Neural
Network.

