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MAQUINARIAS

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2024年6月

AI智选

X光异物检测机

数字分选技术开创者

X-RAY FOREIGN SUBSTANCE
DETECTOR

Global Intelligent Manufacturer

技术优势

TECHNICAL ADVANTAGES

TAI+X光成像系统:高清透射识别
TAI+X-ray imaging system: HD transmission identification

应用国际先进X射线源,功率大、发光稳定;匹配超清GOS探测器,物料360°多维探查,识别无死角,更清晰。

Applying international advanced X-ray source, with high power and stable luminescence. Matched with ultra-clear GOS detector, 360° multi-dimensional exploration of materials, to realize a identification more clearer.

TAI+智芯处理系统:高速信息处理
TAI+ Intelligent core processing system: high-speed information processing

应用AI边缘处理架构,搭载NPU嵌入式神经网络处理器,匹配DLA深度学习加速引擎,操作简单,设备运转更高效。

Applying AI edge processing architecture, equipped with NPU embedded neural network processor, matched with DLA deep learning acceleration engine, the operation is simple and the equipment operates more efficiently.

TAI+智能算法系统:高效采集分析
TAI+Intelligent algorithm system: efficient collection and analysis

应用神经网络算法+深度学习算法,自主采集学习物料多维特征,适应性强,用户使用更省心,精度高,分选效果好。

Applying neural network algorithm + deep learning algorithm to independently collect and learn multi-dimensional characteristics of materials. It has strong adaptability, makes users worry-free, has high precision and good sorting effect.

TAI+万物互联系统:高级智能交互
TAI+ Fully connected system: advanced intelligent interaction

应用大数据+5G+工业互联网技术,打造专属智造互联平台,用户交互操作更便捷,可实现智慧点检、远程运维和在线服务。

Applying big data+ 5G+ industrial Internet technology to create an exclusive smart manufacturing interconnection platform, making user interaction more convenient and enabling smart inspection, remote operation and maintenance and online services.

TAl+智能执行系统:高精多元剔除
TAI+ Intelligent execution system: high-precision multi-element elimination

应用智能分选执行系统,可装配智能高频电磁阀/摆杆/翻板/推杆等多元化剔除装置,高精度、低功耗,适应各类复杂物料分选。

Applying the intelligent sorting execution system, it can be equipped with diversified rejection devices such as intelligent high-frequency solenoid valves/swing rods/flaps/push rods, with high precision and low power consumption, and is suitable for sorting various complex materials.

TAI+黑盾防护系统:高度安全保障
TAI+ Black shield protection system: high security guarantee

应用国际安全防护标准,耐高、低温环境,防尘、防水、防辐射(辐射泄漏<1μSv/h);食品级接触材料,保证全流程安全。

Applying international safety protection standards, it is resistant to high and low temperature environments, dust-proof, waterproof, and radiation-proof (radiation leakage <1μSv/h); food-grade contact materials ensure the safety of the entire process.

散料专用X射线异物检测机

X-RAY FOREIGN SUBSTANCE DETECTOR FOR BULK MATERIALS

泰禾——食品安全守护者
TAIHO-FOOD SAFETY GUARDIAN

散料专用 Special for bulk materials	高清识别 High-definition identification	内部缺陷检测 Internal defect detection	精准剔除 Recise removal

产品介绍 / Product Introduction

▶ 散装流动产品专属检测机型；
Exclusive detecting model for bulk materials;

▶ 应用X射线成像技术，进口GOS探测器，可有效检测出各类食品原料散料中的各类高密度金属及非金属异物，如石头、玻璃、密致塑料、陶瓷、硬骨及橡胶等；
The application of X-ray imaging technology and imported GOS detectors can effectively detect various high-density metal and non-metallic foreign objects in various food raw materials and bulk materials, such as stones, glass, dense plastics, ceramics, hard bones, and rubber;

▶ 可以精准检测剔除空心、霉变、虫蛀等物料，保障食品原料及食品生产安全；
It can accurately detect and remove materials such as hollow, moldy, and insect infestations, ensuring the safety of raw materials and food production;

▶ 配备智能高频喷阀，130亿次长寿命喷吹，0.05毫秒快速响应，精准剔除，不漏气，低功耗；
Equipped with intelligent high-frequency spray valve, 13 billion times of long-term spraying, 0.05 milliseconds of rapid response, precise removal, no air leakage, low power consumption;

▶ 设备操作简单，使用门槛低，配备专属售后平台，可实现远程运维。
The device is easy to operate, has a low threshold for use, and is equipped with a dedicated after-sales platform for remote operation and maintenance.

适用物料 / Applicable materials

本产品适用于花生、瓜子等炒货，碧根果、核桃、松子等坚果，以及脱水蔬菜、果干、杂粮、糖果、中药饮片等各类散料中物理异物和缺陷物料的无死角检测识别和全面精准剔除。

This product is suitable for blind spot detection, identification, and comprehensive and accurate removal of physical foreign objects and defective materials in stir fried peanuts, melon seeds, nuts such as pecan, walnuts, pine nuts, as well as dehydrated vegetables, dried fruits, miscellaneous grains, candies, traditional Chinese medicine slices, and other bulk materials.

适用物料 / Applicable materials

花生米 Peanuts	葵花籽 Sunflower seeds	核桃 Walnut
脱水蔬菜 Dehydrated vegetables	葡萄干 Raisins	夏威夷果 Macadamia nuts
腰果 Cashew	糖果 Candies	中药饮片 Chinese herbal pieces
香辛料 Spices	咖啡 Coffee	松子 Pine nuts

识别杂质 / Identify impurities

金属 Metal	玻璃 Glass
石头 Stone	密致塑料 Dense plastic
陶瓷 Ceramic	土块 Clod
橡胶 Rubber	贝壳 Shell

性能参数 / Performance parameter

产品型号/MODEL	THX-S400B（一体式/one-piece）	THX-S400B（分体式/split）	THX-S600B
X射线源/X-ray source	功率/Power：100W/210W/350W（铍窗可选/Beryllium window optional）		功率/Power：350W（铍窗可选/Beryllium window optional）
	最大电压电流/Max Voltage/current：80kV/5mA（8mA 可选/optional）		最大电压电流/Max Voltage/current：80kV/8mA
探测器/detector	进口GOS探测器，像元大小/Imported GOS Detector，pixel size：0.4mm（0.2mm 可选/optional）		
最佳检测精度/Optimum detection accuracy	不锈钢/Stainless steel：Φ0.3mm；不锈钢线/Stainless steel thread：Φ0.2*2mm；陶瓷球/Ceramic ball：Φ0.8mm；玻璃球/Glass ball：Φ0.8mm		
整机材质/Body material	SUS304		
整机尺寸（长*宽*高）/Dimension	2745mm*1285mm*2200mm	3430mm*1310mm*2200mm	3990mm*1505mm*2200mm
通道尺寸/Channel Size	检测最大高度/detectable Max Height：>50mm		检测最大高度/detectable Max Height：50mm
	检测有效宽度/detectable effective width：400mm		检测有效宽度/detectable effective width：580mm
传送装置参数/Conveyer Parameter	皮带速度/belt speed：1.5m/s		皮带速度/belt speed：1.5m/s～2m/s
	皮带宽度/belt width：440mm		皮带宽度/belt width：625mm
	皮带材质：食品级PU（耐油耐腐蚀，低收缩）/belt material:Food level PU（Oil and corrosion resistant，low-shrinkage）		
显示屏/Monitor	15寸高清触屏/15 inch high Hd touch screen		
操作方式/Operate type	触摸屏操作/touch screen pannel		
支持数据接口/Data interface	USB&LAN		
电源/Power supply	AC110/220V，2.5kW	AC380/220V，2.5kW	AC380/220V，2.9KW
安全性/Security detection	<1μSv/h		
剔除方式/Sorting Way	72通道吹气剔除/72-channel ejector air blow		108通道吹气剔除/108 -channel ejector air blow

备注：1.以上机器规格为标准规格，其他尺寸及要求均可定做；2.检测有效宽度以实际为准；3.产品若有更新，不另行通知，详情请咨询销售代表；4.最佳检测精度为空载状态，实际检测精度以所测物料为准。

Remark:1.The above machine specifications are standard specifications, other sizes and requirements can be customized;2.The detectable effective width depends on the actual situation;3.A product updation is not to be noticed additionally, please contact the supplier for details;4.The optimum detection accuracy is no-load state, and the real detection accuracy is subject to the measured material.

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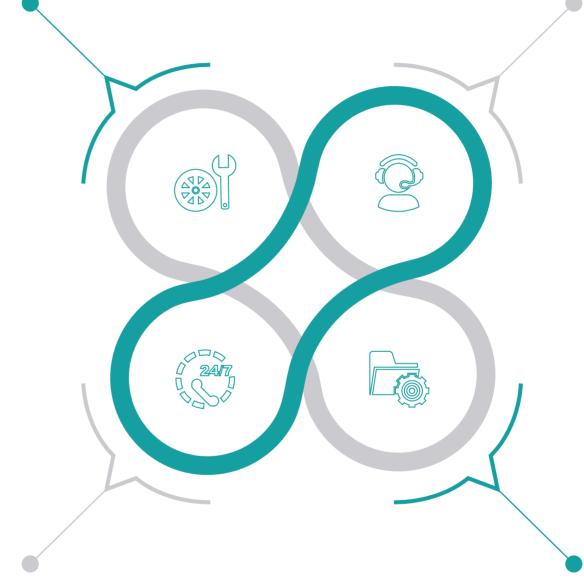
There are more than 90 after-sales service workers in the company, and the services go to prefecture-level cities and directly approach customers. The service workers provide timely, fast and thoughtful services and achieve 24h door-to-door services.

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

实行跟踪服务

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 So rt Technology Pathfinder

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

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

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

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

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