TAIHO 泰禾

主板A股代码：603656

COÍHUE MAQUINARIAS

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

合肥泰禾智能科技集团股份有限公司

地址：中国安徽合肥市经济技术开发区桃花工业园拓展区玉兰大道66号
电话：0551-65399166 / 出口专线：+86 551-65399015
客服中心：400-660-9996 / 传真：0551-65399188
邮箱：thsorter@chinataiho.com / 邮编：230601 / 网址：www.colorsort.cn

Hefei Taiho Intelligent Technology Group Co.,Ltd.

Add：66 Yulan Blvd, Taohua Industrial Park Economy Development Area,
Hefei Economic and Technological Development Zone, Anhui, China

Tel：+86 551-65399166 / Export：+86 551-65399015
Fax：+86 551-65399188 / After-sales line：+86 551 68588368
P.C：230601 / E-mail：thsorter@chinataiho.com
Url：www.chinacolorsort.com

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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.

包装料专用X射线异物检测机

X-RAY FOREIGN SUBSTANCE DETECTOR FOR PACKAGED PRODUCTS

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

包装料专用 Specialized for packaged products

剔除含杂 Ejection of packs with foreign substance

封口检测 Sealing detection

缺件检测 Parts-missing detection

产品介绍 / Product Introduction

▶ 中小包装产品专属检测机型；
Specialized for medium and small-sized packaged products;

▶ 应用高规格小焦点X射线源，可检测剔除含石头、玻璃、密致塑料、陶瓷、硬骨及橡胶等高密度金属及非金属异物的包装产品；
Adopted high-standard and small-focus x-ray source, to detect and eject the packs with high density metallic or nonmetallic foreign substance, including stones, glasses, compact plastics, ceramics, hard bones and rubbers;

▶ 摆杆/翻板/推杆/皮带下沉等多元剔除方式应用，精准排除残次品；
Multiple ejection executing units, including swinging rod, flipping board, pushing rod and belt sinking, for specialized rejects;

▶ 具备产品漏油、缺件、夹料等缺陷检测功能，助力产品生产供应商实现食品药品安全生产；
Special defects detection, including oil-leaking, parts-missing and parts-clamping, to help safe production;

▶ 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。
Easy and convenant-lite operation, together with professional after-service platform, to realize remote maintenence.

适用物料 / Applicable materials

本产品可适用于5kg以内的包装粮食、包装坚果、烘焙食品、休闲食品、袋装乳制品、冷冻食品等中小型包装产品的高密度异物分选及缺陷检测。

Appliable materials: this machine is suitable for high densitity foreign sunstance detection and defects detection for medium and small sized packaged grains, packaged nuts, baked food, snack food, packaged dairy, frozen food within 5kgs.

适用物料 / Applicable materials

包装肉类 Packaged meat	包装糕点 Packaged cakes	包装坚果 Packaged nuts
预制菜 Prepared Dishes	休闲食品 Snack food	袋装调味料 Bagged seasoning
包装杂粮 Packaged miscellaneous grains	包装火锅料 Packaging chafing dish material	药品 Drug
袋装乳制品 Bagged dairy products	袋装粮食 Bagged rice and grain	冷冻食品 Frozen food

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-S200P	THX-S400P
X射线源/X-ray source	功率/Power：100W/210W/350W（铍窗可选/Beryllium window optional）	
	最大电压电流/Max Voltage/current：80kV/5mA（8mA 可选/optional）	
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	1185mm*960mm*1680mm	1210mm*1115mm*1775mm
通道尺寸/Channel Size	检测最大高度/detectable Max Height：80mm	检测最大高度/detectable Max Height：135mm
	检测有效宽度/detectable effective width：220mm	检测有效宽度/detectable effective width：380mm
传送装置参数/Conveyer Parameter	皮带速度/belt speed：0.2~1.0m/s	皮带速度/belt speed：0.2~1.0m/s
	皮带宽度/belt width：300mm	皮带宽度/belt width：450mm
	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，1.5kW	AC110/220V，2.0kW
安全性/Security detection	<1μSv/h	
剔除方式/Sorting Way	可选摆杆/翻板/推杆等 /Swing Bar /Flipping board /pusher bar	摆杆/翻板/推杆/皮带下沉等 /Swing Bar /Flipping board /pusher bar/sinked belt

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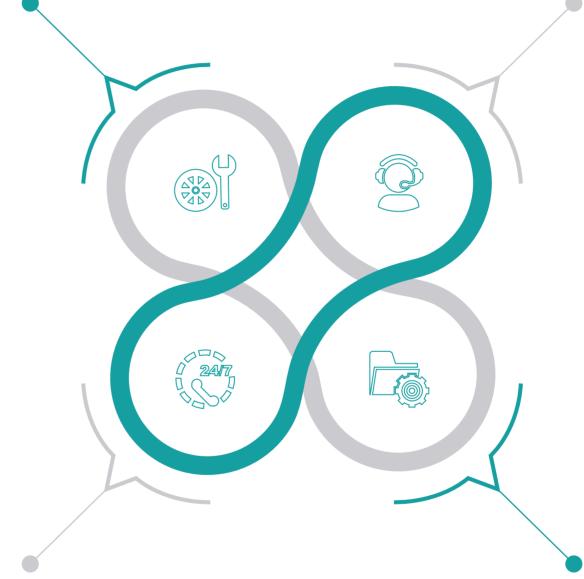
There are more than 90 after-sales service workers in the company, and the services go to prefecture-level cities and directly approach customers. The service workers provide timely, fast and thoughtful services and achieve 24h door-to-door services.

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

公司简介
COMPANY PROFILE

泰禾AI智选·数字分选技术开创者
Taiho AI Sort· Digital So rt Technology Pathfinder

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

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

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

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