TAIHO泰禾

主板A股代码(Stock code):603656

红外系列色选机

INFRARED SERIES
COLOR SORTER

产品技术特点 /
PRODUCT TECHNICAL FEATURES

InGaAs
铟镓砷

延长响应近红外光波
轻松识别材质差异

Extended response to near-infrared light
To easily identify differences in material

全息红外，多维智选

Holographic infrared, multi-dimensional intelligent selections

01

红外智选技术：360°立体多维成像，再现物料原始特征，直击物料缺陷。
中心定位剔除技术：定位物料中心，受力更均匀，减少带出，节省成本。
高端定制电磁阀：耗气量低，使用寿命长达120亿次。
红外光照明系统：照明再升级，光照再强一倍，清晰微小瑕疵。
自协同传感技术：SOC架构，集成度更高，运算速度更快，处理能力更强。

Infrared intelligent selection technology: 360° stereoscopic multi-dimensional imaging reproduces original features of materials and directly shoots any material defect.

Center-positioning removal technology: shooting the material center, forcing more evenly， more cost-saving and less taking-out.

High-end customized ejector: low gas consumption with more than 12 billion shooting times lifespan.

Infrared lighting system: upgraded lighting with double illumination and light up minor flaws.

Self-collaborative sensing technology: SOC architecture enables higher integration, faster computing speed, and stronger processing capacity.

02

全新架构，为你而来
Brand New Architecture for You

开放式分选室： 有效降低灰尘、水雾、油性颗粒的影响，维护清理更便捷。

照明系统： 内置式红外卤素灯，抛物型结构，聚光更强，检修、更换更方便。

成像结构： 类人眼双目视觉结构，聚焦更集中，秒杀异物异杂。

定制化服务： 双红、四红自由选配，定制你的需求。

Open sorting room: it reduces the impact of dust, water mist and oily particles effectively, and can be easily maintained and cleaned.

Lighting system: built-in infrared halogen lamp adopts a parabolic structure to produce more concentrated light, and is more convenient for maintenance and replacement.

Imaging structure: human-like binocular vision structure makes more focused vision and finds out foreign matters in seconds.

Customized services: double-infrared cameras and four-infrared cameras are optional based on your needs.

03

质量并行，致尊致纯
Quality First, Distinguished & Pure Services

智能清灰3.0： 感应式实时清灰+自动识别空间灰度，清灰合理更干净。

除尘系统： 搭配前置玻璃除尘，分选、除尘同时进行，高质高产。

无杆气缸： 高端定制，韧性更强，持久耐用。

Intelligent ash removal 3.0: inductive real-time ash removal + automatic recognition of spatial degree of ash make ash removal better and wiser.

Dust removal system: front glass dust removal is provided to simultaneously sort and remove dust, achieving high quality and high yield.

Rodless cylinder: it is of high-end customization, stronger toughness and durability.

04

智慧互联，极简交互
Intelligent Interconnection and Simple Interaction

无人值守模式： 全天候监控，远程实时操控，智慧选择分选方案。

致简UI： 极简界面，操作简单明了。

Unattended mode: it can achieve 24/7 monitoring, remote real-time control, and intelligent selection of sorting scheme.

Simple UI: it has an extremely simple interface and allows simple and clear operation.

技术参数表 /

TECHNICAL PARAMETER SHEET

双红外系列
Double infrared series color sorter

型号 Model	处理量 throughput (Kg/h)	整机功率 Power (kW)	电源电压 Supply voltage (V)	气源压力 Air pressure (MPa)	气源消耗 Air consumption (m^3/min)	规格尺寸 Size (mm)	机器重量 Weight (kg)
6SXZ-63H2	200~800	0.9	220V/50Hz	0.5-0.8	0.5~0.8	805*1490*1950	481
6SXZ-126H2	400~1600	1.7	220V/50Hz	0.5-0.8	0.5~1.0	1120*1490*1950	627
6SXZ-189H2	600-2400	2.5	220V/50Hz	0.5-0.8	0.8~1.5	1435*1490*1950	780
6SXZ-252H2	800-3200	3.5	220V/50Hz	0.5-0.8	1.5~3.0	1750*1490*1950	940
6SXZ-378H2	1200-4800	4.5	220V/50Hz	0.5-0.8	2.0~3.5	2375*1490*1950	1243
6SXZ-504H2	1600-6400	6.2	220V/50Hz	0.5-0.8	3.0~4.5	3303*1490*1950	1580

注：以上色选性能均以含杂10%的核桃为例； The above sorting performance is measured on walnut with 10% impurity.
产品若有更新以实际机器为准。 Products may have upgrade and vary without prior notice.

四红外系列
Four infrared series color sorter

型号 Model	处理量 throughput (Kg/h)	整机功率 Power (kW)	电源电压 Supply voltage (V)	气源压力 Air pressure (MPa)	气源消耗 Air consumption (m^3/min)	规格尺寸 Size (mm)	机器重量 Weight (kg)
6SXZ-63H4	200~800	0.95	220V/50Hz	0.5-0.8	0.5~0.8	805*1490*1950	481
6SXZ-126H4	400~1600	1.75	220V/50Hz	0.5-0.8	0.5~1.0	1120*1490*1950	627
6SXZ-189H4	600-2400	2.5	220V/50Hz	0.5-0.8	0.8~1.5	1435*1490*1950	780
6SXZ-252H4	800-3200	3.5	220V/50Hz	0.5-0.8	1.5~3.0	1750*1490*1950	940
6SXZ-378H4	1200-4800	4.5	220V/50Hz	0.5-0.8	2.0~3.5	2375*1490*1950	1243
6SXZ-504H4	1600-6400	6.2	220V/50Hz	0.5-0.8	3.0~4.5	3303*1490*1950	1580

注：以上色选性能均以含杂10%的核桃为例； The above sorting performance is measured on walnut with 10% impurity.
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分选实例 /
SORTING EXAMPLE

桃仁
Peach kernel

杏仁
Almond

巴旦木
Batam

核桃
Walnut

碧根果
Brigitte root fruit

榛子
Hazelnut

板栗
Chinese chestnut

腰果
Cashew nuts

开心果
Pistachios

葵花籽
Sunflower seeds

花生
Peanut

售后服务 /
AFTER-SALES SERVICE

及时、周到
上门服务
24-hour on-site service fast response and considerate

整机一年
免费维护和保养
One-year warranty free maintenance

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

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

泰禾智能 TAIHO

世界智造·AI视觉专家

Global Intelligent Manufacturing · AI Vision Expert

2004 2004年底，合肥泰禾智能科技集团股份有限公司成立！

At the end of the year 2004, Hefei Taihe Intelligent Technology Group Co.,Ltd. was established.

2017

2017年3月，合肥泰禾智能正式登陆上海证券交易所主板，成为上市企业！

In the march 2017, Hefei Taiho was officially logged in the main board of Shanghai Stock Exchange and became a listed company!

■ 国家级高新技术企业	■ National high-tech manufacturing enterprise
■ 国家级企业技术中心	■ National Enterprise Technical Center
■ 中国驰名商标	■ A famous Chinese Brand
■ 国家级守合同重信用企业	■ State-level Contract-honoring and credit-worthy enterprise
■ 国家两化融合管理体系贯标示范企业	■ National two-integrated management system demonstration enterprise
■ 制造业单项冠军培育企业	■ Manufacturing single champion nurturing enterprise
■ 制造业与互联网融合发展试点示范企业	■ Pilot and demonstration enterprise for the integrated development of manufacturing and Internet
■ 国家智能制造试点示范项目	■ National Intelligent Manufacturing Pilot Demonstration Project

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Due to continuous innovation of our product technologies and in case of any upgrading of appearance or performance, if the products listed in the catalogue, the actual upgraded product performances shall prevail.

2022年3月