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ANYSORT

Peanut Cloud Quality Sorting Solutions

New Era of AI Quality Sorting

Comprehensive Upgrade

The AI cloud quality sorting platform, supported by six core technologies, has once again ushered in a new breakthrough in peanut cloud quality sorting solutions!

AI large model in sorting industry and super computing power platform
Intelligent dynamic adaptive sorting of materials
Artificial intelligence leaps from image recognition to understanding and judgment levels.
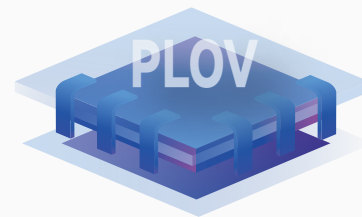Building a qualitative universe where 「everything can be sorted」.

AI Quality Sorting Large Model

AI large model of sorting industry is a leap from artificial intelligence

Hawkeye Camera Technology 3.0

Bionic hawkeye recognition technology 3.0
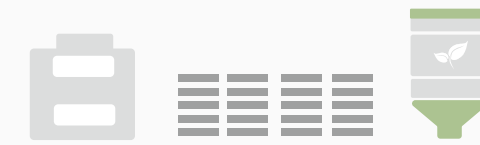High speed dynamic recognition

PLOV Platform 2.0

Ensure that the materials in the channel are evenly laid without stacking during high-speed falling of sorted materials.

MPF Multi-pixel Fusion Technology

Based on the characteristics of infrared spectra of different substances, different substances are essentially distinguished.

VISIBLE   NIR   SWIR
CCD/CMOS   InGaAs

Independent Environmental Purification Technology

Independent environmental purification technology ensures that the sorting accuracy is not affected by factors such as dust during the production and processing.

Intelligent Control System

Closed loop control system for production line, efficient linkage
Leading the era of unmanned 3.0 intelligent factories

Non-damage sorting and grading of peanuts with high output by one time cleaning

TK

Cloud Quality Sorting Product

■ Hawkeye camera technology accurately identifies subtle differences in color and shape of materials.

PLOV physical structure technology achieves efficient sorting and grading, higher output and high precision.

One time removal of peanuts with buds, impurities, moldy kernels

Cloud quality sorting with grading, non-damage, high output

Product Parameters ▶

Model	Throughput (t/h)	Accuracy (%)	Carryover Ratio	Power (kw)	Power Supply (V/Hz)	Dimension (L*W*H mm)	Weight (kg)
TK64	0.5-2	≥99.50	> 30:1	2.4	380/50	3335*1145*2455	866
TK128	0.5-2	≥99.50	> 30:1	2.7	380/50	3600*1400*2450	1320
TK192	0.5-3	≥99.50	> 30:1	4	380/50	3600*1720*2450	1690
TK256	1.5-12	≥99.50	> 30:1	4.3	380/50	3600*2040*2450	2130
TK320	1.5-16	≥99.50	> 30:1	5.3	380/50	3335*2445*2455	2050
TK384	2.0-18	≥99.50	> 30:1	5.8	380/50	3600*2680*2450	2950

The specific parameters may vary depending on the environment, materials, and impurities.

Quality Sorting Solutions ▶

long & round peanut kernels separation | peanut kernel with bud | peanut kernel without skin | peanut kernel with broken skin | half peanut kernel | gray rust peanut kernel

crackled peanut kernel | purple head peanut kernel | dark rust peanut kernel | peanut kernel with spots | frozen peanut kernel

light color single kernel peanut | immature peanut | discolored peanut kernel | immature peanut kernel | inner moldy peanut kernel | worm eaten peanut kernel | moldy peanut kernel | yellow rust peanut kernel

straw | other grains | peanut shell | kernel | animal waste | seashell | clod

stone | glass | plastic | cigarette butt | metal | ceramic | coal cinder | strapping

Quality Sorting Solutions

cracked peanut | peanut with hole | half peanut | moldy peanut | peanut with spots | yellow rust peanut | discolored peanut | black head peanut

immature peanut | Baisha & Luohan peanuts separation | fat and thin peanuts separation | single kernel & double kernels & triple kernels peanuts separation

worm eaten peanut | peanut with net type shell | peanut with mud | peanut with pedicle | peanut with thin film | peanut kernel | peanut shell | branch

straw | brick | clod | plastic | coal cinder | strapping | glass

milky white peeled peanut | small roasted peeled peanut | peeled peanut with bud | light yellow moldy peeled peanut | moldy peeled peanut | moldy and red heart peeled peanut

heart moldy peeled peanut | peeled peanut with spots | worm eaten peeled peanut | peeled peanut with dirt | light green peeled peanut | dirty peeled peanut

peeled peanut with skin | peanut kernel with skin | roasted frozen peeled peanut | light color peanut | peanut shell | straw

emery roll | gravel | brick | stone | coal cinder | strapping

AI X-ray Machine

Cloud Quality Sorting Product

Relying on massive data model of AI quality sorting, it can achieve multi-dimensional detection of color, shape, size, density, material, etc., and effectively detect and remove internal defects in nuts such as worm eaten nuts, empty nuts, shrivelled nuts, oily nuts, moldy nuts, etc., and high-density impurities mixed in raw materials such as metals, stones, glass, ceramics, rubber, etc.

PLOV physical structure platform technology can synchronously achieve various detection needs such as external impurities and internal defects with high output and low loss.

Product Parameters

Model	Belt Speed (m/s)	X-ray Output (W)	Rejection Mode	Best Detection Accuracy	Power (V/Hz)	Dimension (mm)	Weight (Kg)
RX40	1.2-1.5m/s adjustable	350W(max) 80KV/8mA	Blow to remove with 64 valves	Stainless Steel Ball≥Φ0.3 Stainless Steel Line≥Φ0.2X2	380/50	3800*1000*1950	800
RX60	1.2-1.5m/s adjustable	350W(max) 80KV/8mA	Blow to remove with 96 valves	Stainless Steel Ball≥Φ0.3 Stainless Steel Line≥Φ0.2X2	380/50	3800*1250*2050	1000
RX80	1.2-1.5m/s adjustable	350W(max) 80KV/8mA	Blow to remove with 128 valves	Stainless Steel Ball≥Φ0.3 Stainless Steel Line≥Φ0.2X2	380/50	3800*1500*2100	1200

The specific parameters may vary depending on the environment, materials, and impurities.