

MEYER COLOR SORTERTEA SORTING SOLUTIONS



HEFEI MEYER OPTOELECTRONIC TECHNOLOGY INC.

Add:NO.668,West Wangjiang Rd,Hefei,China Email:sales@meyer-corp.com Tel/Fax:0086-551-65317548/65306653 Website:www.meyer-corp.com







Web for Color Sorter @meyersorter Meyer Marketing

MEYER INTELLIGENT SORTING SOLUTION

Engaged in the intelligent sorting industry for nearly 30 years in the leading position, Meyer is committed to providing intelligent and professional sorting solutions for customers. To improve the "performance, reliability" and other key indicators of products, Meyer Research & Manufacture Innovation Platform is built. It aims to create a high-level R&D talent team, increase investment in technology innovation, strengthen engineering, promote intelligent manufacturing, thus making Meyer color sorter the best.

The tea business environment is said to be more competitive with dynamic changes of customers in their preferences. To produce high quality tea but fewer cost is the common wish of each tea processor. With the concept of "quality first, customers foremost", Meyer pioneers the whole tea processing detection solutions. It covers fresh tea leaf sorting, raw tea sorting, high-end tea classification, impurity detection and removal and packaged products detection. Meyer guarantees the tea quality and creates higher benefits for tea enterprises.



Tips Reverse Sorting From FTGFOP-1







Raw Material

Tips Accepts

Tips Rejects

Dryer Mouth Material Sorting







Raw Material

Accepts

Rejects

FOP Sorting









Final Accepts (1st outlet)

Rejects to Be Circulated (2nd outlet)

Dull Stalks (3rd outlet)

Yellow Leaves and Yellow Stalks (4th outlet)

OP Color and Size Sorting











Raw Material

Final OP Accepts (1st outlet)

Big Leaves from OP Accepts Dull Stalks(3rd outlet) (2nd outlet)

Yellow Leaves and Yellow Stalks(4th outlet)

Impurity Removal







Broom



Glass







Dead Insect

Butt

al

Stone

BRAND NEW MEYER COLOR SORTER **DEFINES A NEW STANDARD FOR INTELLIGENT SORTING**

THREE ADVANTAGES

PART 1

MACHINE STRUCTURE IS HIGHLY STABLE AND RELIABLE

Engineering Design Manufactured by Smart Factory Standardized Production

IMPROVE RELIABILITY, ENGINEERING **DESIGN IS THE PRIORITY**



More than 70% parts realize ntelligent production Parts general rate increases to 70%

IMPLEMENTING RELIABILITY, INTELLIGENT MANUFACTURING IS THE KEY



PART 2

OPERATION PROCESS IS HIGHLY STABLE AND RELIABLE

The new digital electrical topology structure controls the sudden failure of the core components from the source to ensure the stable and reliable operation of the production line.

THE NEW DIGITAL ELECTRICAL **TOPOLOGY STRUCTURE**



Reduce redundant control modules of traditional color sorters by 45%

High integration, strong antiinterference ability

Provide a standardized PLC interface, which can be connected to the factory's centralized electronic control system to help the digital operation of the

INNOVATIVE REMOTE CONTACTLESS SERVICE



Remote Control

Users can adjust color sorting parameters, switch color sorting solutions, and grasp operating indicators such as output and processing accuracy online



Smart Checkup

Real-time monitoring and correction of signals, lights and the operation effect of key components to help equipment run stably



Smart Backup

The user can back up the ideal sorting parameters and solutions to the cloud at any time, so that can be called in time in subsequent



Remote Debugging

When the effect is abnormal, you can seek online service experts for remote debugging, so that the equipment can be restored to a good running state in

PART 3

SORTING EFFECT IS HIGHLY STABLE AND RELIABLE

Reliability with independent technological innovation makes the performance advantages of high accuracy, low rejection ratio and large throughput stable, and the value of Meyer color sorter has been greatly improved.

MEYER CORE TECHNOLOGIES



Meyer Multispectrum Confocal System

Meyer multispectrum confocal system provides multi-dimensional sorting and detection solutions such as color, shape, texture, material, etc. to meet users' differentiated processing needs.

Meyer Maglev Ejector 3.0

Ultra-high-speed response, shorter start time of ejector for higher accuracy

Millisecond-level start and stop, gas supply and cutoff completely, resulting in greater output and



ultra-high-definition resolution, ensure clearer

Meyer Ultra HD Imaging System Low-distortion camera lens, with

identification of materials

The minimum recognition area can reach 0.0004mm²

Meyer Deep Learning Technology

Complex defects detect in complex scenarios and meet customers' changing sorting needs

Data Advantage

Nearly 10,000

worldwide

Platform Advantage

Key software connected devices enterprises in

Breaking through the industry bottleneck of national planning small target detection

Advantage

Large sample library for the sorting industry

MORE INTELLIGENT TECHNOLOGIES



Sniper system



Smart vacuum device



One-key double intelligence



Extremely simple operation



Channel intelligent thermostat



Infrared image system



Intelligent anti-shattering system



Shape sorting

LARGE TEA LEAVES QUALITY



Meyer color sorter Five-stage sorter

- 3+1+1 Structure Design

 Gets high quality finished tea,
 high purity leaves and tea sticks
- One-key Double Intelligent Algorithm

 Provides obvious color difference
 sorting and the nuance of color sorting
- Outstanding Output
 High-frequency feeding system,
 provides steady feeding and large input
 without adhesion
- High Net Selection Rate
 Equipped with the ultra-clear camera,
 foreign objects can be seen at a glance
- Strong Shape Sorting Ability
- Intelligent Anti-shattering
 Equipped with soft material protection
 cushion, lower breakage

The product is equipped with Ultra HD imaging system, one-key double intelligence algorithm, targeted removal and other Al algorithms. It can separate tea accepts from yellow leaves, tea stalk, tea seeds and other impurities. Due to its structure unique advantages, it has a remarkable effect on sorting large tea leaves.

Name	Model	Power (KW)	Voltage (V)	Air pressure (MPa)	Air Consumption (m³/min)	Dimension (L*W*H)(mm)	Weight (kg)
TD-W	6CSX-1500A	6.5	340-420	0.6~0.8	<7.5	2990X4130X4000	5700
1500TD2	6CSX-1500TD2	6.47	340-420	0.6~0.8	<7.5	3350X3190X4230	4600

GET TEA ACCEPTS, STALKS, LEAVES AT A TIME



Meyer color sorter Four-stage sorter

- Four-stage Structure Design
 gets tea accepts, leaves and stalks
 easily at a time
- One-key Double Intelligent Algorithm

 Provides obvious color difference
 sorting and the nuance of color sorting
- Outstanding Output
 High-frequency feeding system,
 provides steady feeding and large
 input without adhesion
- Strong Shape Sorting Ability
- Low loss
- Intelligent Anti-Shattering
 Equipped with soft material protection
 cushion, lower breakage
- Highly Reliable, More Intelligent
 Standardized and modular design, built
 by the Intelligent Factory

The product is equipped with Ultra HD imaging system, one-key double intelligence algorithm, targeted removal and other Al algorithms. It can separate tea accepts from yellow leaves, tea stalk, tea seeds and other impurities. It features a high cleaning rate, quite low consumption, stable function and cost-effective price.

Name	Model	Power (KW)	Voltage (V)	Air pressure (MPa)	Air Consumption (m³/min)	Dimension (L*W*H)(mm)	Weight (kg)
TD-S	6CSX-300 IIIB	6.0	340-420	0.6~0.8	<6.5	3094X2812X4054	4800
1200TD2	6CSX-1200TD2	6.0	340-420	0.6~0.8	<6.5	3350X2820X4220	4000

TEA SORTING EXPERT WITH HIGH COST-EFFECTIVENESS



Meyer color sorter Three-stage sorter

- Three-stage Structure Design
 Ensures high quality of final tea
- One-key Double Intelligent Algorithm

 Provides obvious color difference
 sorting and the nuance of color sorting
- Outstanding Output
 High-frequency feeding system,
 provides steady feeding and large input
 without adhesion
- Strong Shape Sorting Ability
- Intelligent Anti-Shattering
 Equipped with soft material protection cushion, lower breakage
- Highly Reliable, More Intelligent
 Standardized and modular design, built
 by the Intelligent Factory

The product is equipped with Ultra HD imaging system, one-key double intelligence algorithm, targeted removal and other Al algorithms. It can separate tea accepts from yellow leaves, tea stalk, tea seeds and other impurities. It features rich tea sorting solutions to meet various demands.

Name	Model	Power (KW)	Voltage (V)	Air pressure (MPa)	Air Consumption (m³/min)	Dimension (L*W*H)(mm)	Weight (kg)
TD	6CSX-300 IIIA	5.0	340-420	0.6~0.8	<5.4	3290X2360X3710	3800
1 D	6CSX-900TD3	5.0	340-420	0.6~0.8	<4.8	3150X2600X3550	2800

WITH NIR INFRARED TECH, REMOVE ALL IMPURITIES



insects, plastics, butt, sawdust and other impurities

One-key Double Intelligent Algorithm

Precisely detects and removes dead

NIR Infrared Technology

- Provides obvious color difference sorting and the nuance of color sorting
- Outstanding Output
 High-frequency feeding system,
 provides steady feeding and large
 input without adhesion
- Strong Shape Sorting Ability
- Intelligent Anti-Shattering
 Equipped with soft material protection
 cushion, lower breakage
- Highly Reliable, More Intelligent
 Standardized and modular design, built
 by the Intelligent Factory

Meyer color sorter Three-stage infrared sorter

The product is equipped with Ultra HD imaging system, one-key double intelligence algorithm, targeted removal and other Al algorithms. It can separate tea accepts from yellow leaves, tea stalk, tea seeds and other impurities. It features rich tea sorting solutions to meet various demands.

Name	Model	Power (KW)	Voltage (V)	Air pressure (MPa)	Air Consumption (m³/min)	Dimension (L*W*H)(mm)	Weight (kg)
TF	6CSX-900TF	6.0	340-420	0.6~0.8	<5.4	2750X2850X3860	4000

PACKAGED TEA INSPECTION EXPERT



Meyer X-ray Machine · XM series

Clear Imaging

350W German beryllium window radiation source can detect impurities with similiar density

Outstanding Foreign Matters Detection

Detect metals, stones, clods, glass, ceramics and other impurities

Abundant and Flexible Rejection

Equipped with a variety of rejection structures such as swing-arm, flap, push-plate and air blowing to meet the needs of multiple scenes

Support Deep Learning

Match the optimal recognition algorithm for more accurate detection

Support Remote Maintenance and Commissioning

know equipment operating status in real-time

XM series X-ray foreign matter detector for packaged tea is mainly used for foreign matter detection in small and medium-sized packages, such as metal, stone, glass, dirt, hard rubber and other types of impurities in the packaging bag. It provides a full range of detection and accurate rejection and provides protection for the quality of tea.

Name	400XM	Name	400XM	Name	400XM
Model	MY8045-XM	Size of materials(mm)	Width≤445, Height≤200	X-Ray output(W)	350 (Max)80kV/8.0mA adjustable
	SUS ball≥φ0.3	Conveyor belt width(mm)	510	Conveyor belt speed (m/min)	10-80 adjustable
Sensitivity (no-load)	SUS wire≥ ϕ 0.2x2	Configuration(mm)(LxWxH)	1100x1200x2050	Removal device	Selected according to material
sitivit load)	Glass ball≥φ1.0	Net weight(kg)	500	Main material	SUS 304
	Ceramic ball≥φ1.0	Load(kg)	10	Power supply (V)	Single phaseAC220V±10%, 50/60Hz, 2kw
Sen	vice environment	(Ambient temperature)-10~40° No condensation,no freezing,u		Protection Level	Transmission part IP66, Other IP65

X-RAY INSPECTION FOR COMPREHENSIVE QUALITY GUARANTEE



Meyer X-ray Machine XS series

- Four-stage Structure Design
 350W German beryllium window
 radiation source can detect
 impurities with similiar density
- Outstanding Foreign Matters
 Detection

Detect metals, stones, clods, glass, ceramics and other impurities

- Integrated Structure Design
 Easy for installation and highly reliable
- Support Deep Learning

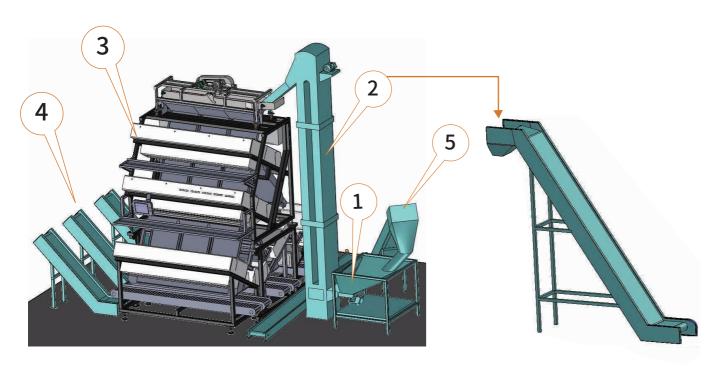
 Match the optimal recognition algorithm for more accurate detection
- Support remote maintenance and commissioning

know equipment operating status in

According to the difference in density, thickness and material, the XS series X-ray machine can detect various impurities in the raw material, such as metals, stones, glass, clods, hard rubber and plastic. It provides high-quality assurance for bulk tea.

Model	MY8060-80XS	MY8045-60XS
Sensitivity (no-load)	SUS ball≥Ф0.3mm SUS wire≥Ф0.2×2mm glass ball≥Ф1.0mm ceramic ball≥Ф1.0mm	SUS ball≥Φ0.3mm SUS wire≥Φ0.2×2mm glass ball≥Φ1.0mm ceramic ball≥Φ1.0mm
Material size	Bulk (Detection Width Range 588mm)	Bulk (Detection Width Range 440mm)
Infeed belt width	620mm	470mm
Dimensions	2650×1442×2350mm	3060×1250×2280mm
Net weight	950kg	850kg
Load	6kg	5kg
X-Ray output	350W Max 80kV/8.0mA	350W Max 80kV/8.0mA
Infeed belt speed	10-100m/min adjustable	10-100m/min adjustable
Interface	17"LCD touch screen	17"LCD touch screen
X-Ray leakage	<1µ Sv/h	<1µ Sv/h
Protection Level	IP65 for drive parts , IP54 for others	IP65 for drive parts , IP54 for others
Power supply	single phase AC220V10%, 50/60Hz,2.5kW	single phase AC220V10%, 50/60Hz,2.5kW
Service environment	Ambient temperature 0-40 C Relative humidity 30-85% C No condensation,no freezing,upheaval	Ambient temperature 0-40°C Relative humidity 30-85%°C No condensation,no freezing,upheaval

TEA SORTING PROCESSING LINE



five-stage tea color sorter installation sketch map

1.Feeding Hopper

2 Feeding Bucket Elevator(optional) 4 Discharging Conveyor(optional)

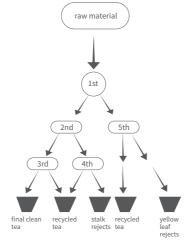
3. Color Sorter

5. Circulating Conveyor(optional)

Dimension of Tea Sorting Processing Line(mm)

Туре	Elevator	Length	Width	Height
3-stage	Z type	10720	2460	4020
sorter	Bucket	6740	2670	4470
4-stage	Z type	9500	3400	4430
sorter	Bucket	7100	3400	5000
5-stage	Z type	9500	3400	4430
sorter	Bucket	7100	3400	5000

Sorting Process Schematic Diagram



MY CONFIGURATION

		Item	900STD2	TD	TD-S	TD-W
		High Capacity Chip	•	0	0	0
		15-Inch LCD Screen	•	•	•	•
	Key parts	Ultra HD True-Color Camera	•	•	•	•
	, ,	Customized Industry Lens Pro	•	0	0	0
		Infrared Camera		-	-	-
		Maglev Ejector	***	****	****	****
	Service Life	LED .	***	***	****	****
		Al Self-learning	•	•	•	•
		Targeted Positioning		•	•	•
		Flexible Removal	•	•	•	•
			•	•		
		Material 3D Info Reconstruction	•		•	•
		Photo Preview	•	•	•	•
Performance	Performance	Video Preview	•	-	-	-
		Infrared Imaging System	-	-	-	-
		Throughput	***	☆☆☆	\$\$\$\$	***
		Sorting Accuracy	***	***	***	***
		Stalk & Leaf Separation	***	***	***	***
		Shape Sorting	***	***	***	***
		Foreign Matters	-	-	-	-
		Stable Feeding System	•	-	•	•
	Machine Protection	Multiple Protection For Wiper Cylinder	•	•	-	-
	TVICOTILIO I TOLOGICIT	Long Distance Protection Of Sorting Chamber	•	-	-	_
	Air Circuit System	High-efficient Air Circuit System				
	7 til Ollouit Gyotolli	Sorter Care App	•		•	•
		Remote Control	•	•	•	•
				•	•	•
ntelligence	Sorter Care		•			
ntelligence	Sorter Care	Online Upgrade Intelligent Backup	TF	900TD3	- - 1200TD2	1500TD2
ntelligence	Sorter Care	Online Upgrade Intelligent Backup	•	-	-	-
ntelligence	Sorter Care	Online Upgrade Intelligent Backup Item High Capacity Chip	TF	900TD3	- 1200TD2	-
ntelligence		Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen	TF	900TD3	- 1200TD2	- 1500TD2
ntelligence	Sorter Care Key parts	Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera	TF °	900TD3	- 1200TD2 •	- 1500TD2 •
ntelligence		Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro	• • • • • • • • • • • • • • • • • • •	900TD3	- 1200TD2 • •	- 1500TD2 • •
ntelligence		Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera	• • • • • • • • • • • • • • • • • • •	900TD3	- 1200TD2 • • •	- 1500TD2 • •
ntelligence		Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector	*** *** *** *** *** *** *** **	- 900TD3 - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • • • • • • •	- 1500TD2 • • • • • • • • • • • • • • • •
ntelligence	Key parts	Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED	* *** *** *** *** *** *** *** *** ***	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • *****************	- 1500TD2 • • • • • • • • • • • • • • • • • • •
ntelligence	Key parts	Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning	*** *** *** *** *** *** *** **	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • • • • • • • • • • •	- 1500TD2 •
ntelligence	Key parts	Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning	*** *** *** *** *** *** *** **	- 900TD3	- 1200TD2 • • • • • • • • • • • • • • • • • • •	- 1500TD2 • • • • • • • • • • • • • • • • • • •
ntelligence	Key parts	Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal	*** *** *** *** *** *** *** **	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • • • • • • • • • • •	- 1500TD2 •
ntelligence	Key parts	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction	*** *** *** *** *** *** *** **	- 900TD3	- 1200TD2 • • • • • • • • • • • • • • • • • • •	- 1500TD2 • • • • • • • • • • • • • • • • • • •
ntelligence	Key parts	Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview	*** *** *** *** *** *** *** **	- 900TD3	- 1200TD2 • • • • • • • • • • • • • • • • • • •	- 1500TD2 - - - - - - - - - - - - - - - - - - -
	Key parts Service Life	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview	*** *** *** *** *** *** *** **	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • · · · · · · · · · · · ·	- 1500TD2 - - - - - - - - - - - - - - - - - - -
	Key parts Service Life	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System	TF○○○☆ ☆ ☆ ☆ ☆ ☆ ☆☆ ☆ ☆ ☆ ☆ ☆ ☆○○○○○○○○○○	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • · · · · · · · · · · · · · ·	- 1500TD2 - - - - - - - - - - - - - - - - - - -
	Key parts Service Life	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview	TF○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○<td>- 900TD3 - - - - - - - - - - - - - - - - - - -</td><td>- 1200TD2 • • • • • • · · · · · · · · · · · · ·</td><td>- 1500TD2 - - - - - - - - - - - - - - - - - - -</td>	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • · · · · · · · · · · · · ·	- 1500TD2 - - - - - - - - - - - - - - - - - - -
	Key parts Service Life	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System	TF○○○☆ ☆ ☆ ☆ ☆ ☆ ☆☆ ☆ ☆ ☆ ☆ ☆ ☆○○○○○○○○○○	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • · · · · · · · · · · · · · ·	- 1500TD2
	Key parts Service Life	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput	*** *** *** *** *** *** *** **	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • · · · · · · · · · · · · · ·	- 1500TD2
	Key parts Service Life	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy	• TF O • • • • • • • • • • • • • • • • • •	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • • • • • • • • • • •	- 1500TD2 - 1500TD2
	Key parts Service Life	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy Stalk & Leaf Separation	• TF O • • • • • • • • • • • • • • • • • •	900TD3 900TD3 0 0 0 0 0 0 0 0 0 0 0 0 0	- 1200TD2 • • • • • • • • • • • • • • • • • •	- 1500TD2 - 1500TD2
	Key parts Service Life	Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy Stalk & Leaf Separation Shape Sorting Foreign Matters	• TF	- 900TD3 900TD3	- 1200TD2	- 1500TD2
	Key parts Service Life Performance	Online Upgrade Intelligent Backup Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy Stalk & Leaf Separation Shape Sorting Foreign Matters Stable Feeding System	• TF O • • • • • • • • • • • • • • • • • •	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • • • • • • • • • •	- 1500TD2
	Key parts Service Life	Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy Stalk & Leaf Separation Shape Sorting Foreign Matters Stable Feeding System Multiple Protection For Wiper Cylinder	• TF	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2	- 1500TD2
Performance	Key parts Service Life Performance Machine Protection	Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy Stalk & Leaf Separation Shape Sorting Foreign Matters Stable Feeding System Multiple Protection For Wiper Cylinder Long Distance Protection Of Sorting Chamber	• TF O • O • A A A A A A A A A A A A A A A A A A	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • • • • • • • • • •	- 1500TD2
	Key parts Service Life Performance	Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy Stalk & Leaf Separation Shape Sorting Foreign Matters Stable Feeding System Multiple Protection For Wiper Cylinder Long Distance Protection Of Sorting Chamber High-efficient Air Circuit System	 TF ○ ○ ○ ☆☆☆☆☆ ○ ○ ○ ○ ◇ ○ ◇ ◇	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • • • • • • • • • •	- 1500TD2
Performance	Key parts Service Life Performance Machine Protection	Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy Stalk & Leaf Separation Shape Sorting Foreign Matters Stable Feeding System Multiple Protection For Wiper Cylinder Long Distance Protection Of Sorting Chamber High-efficient Air Circuit System	 TF ○ ○ ○ ☆☆☆☆☆ ○ ○ ○ ○ ◇ ○ ◇ ◇	- 900TD3 - 900TD3	- 1200TD2	- 1500TD2
	Key parts Service Life Performance Machine Protection	Item High Capacity Chip 15-Inch LCD Screen Ultra HD True-Color Camera Customized Industry Lens Pro Infrared Camera Maglev Ejector LED Al Self-learning Targeted Positioning Flexible Removal Material 3D Info Reconstruction Photo Preview Video Preview Infrared Imaging System Throughput Sorting Accuracy Stalk & Leaf Separation Shape Sorting Foreign Matters Stable Feeding System Multiple Protection For Wiper Cylinder Long Distance Protection Of Sorting Chamber High-efficient Air Circuit System	 TF ○ ○ ○ ☆☆☆☆☆ ○ ○ ○ ○ ◇ ○ ◇ ◇	- 900TD3 - - - - - - - - - - - - - - - - - - -	- 1200TD2 • • • • • • • • • • • • • • • • • •	- 1500TD2

Parameters above are tested on the environment of 25 °C and 2% impurities rate and may change in different conditions.

 $[\]stackrel{\wedge}{lpha}$: Function strength, \bullet : Standard, \circ : Selection -: No

The maglev ejector and LED can work throughout color sorters' life under ideal conditions.

ABOUT MEYER



BRIEF INTRODUCTION

WORLD-LEADING SUPPLIER OF INTELLIGENT IDENTIFICATION EQUIPMENT

Hefei Meyer Optoelectronic Technology INC (stock code: 002690) is a high & new tech company focused on the R&D of core technology and products in the field of intelligent sorting and inspection. With "for product quality, for customer satisfaction" at its value, Meyer has been dedicated to safeguarding the food safety and industrial products quality over the almost 30 years. As an innovation-driven company, Meyer invests about 6% of its turnover every year in R&D where over 35% employees work in.

In the future, Meyer will keep developing AI sorting and X-ray inspection where technical reserves and talents construction inevitably play a key role in sustainable development. Moreover, Meyer will expand application area of products, stick to innovation of service and management, and strive to be a world top high-tech company.

- · Products cover more than 100 countries and regions
- · 60,000+ machines in operation worldwide
- · National Science & Technology Progress Award
- · National Innovative Enterprises
- National Technological Innovation Model Enterprises
- · National Intellectual Property Demonstration Enterprise
- · Key Software Enterprise under National Planning
- · Major High Technology Expertise under China Torch Program
- · National Engineering Technology Research Center of Intelligent Sorting Equipment for Agricultural Products
- · National Certified Enterprise Technology Center
- · National Post-doctoral Research Workstation
- · Hurun China 500 Most Valuable Private Companies
- · China 500 Most Valuable Listed Companies

CUSTOMER PRODUCTION LINES















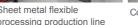




THE 1ST SMART FACTORY IN THE INDUSTRY

STANDARDIZATION MODULARIZATION INTELLIGENTIZATION DIGITALIZATION







Unmanned maglev ejector





Automatic circuit board SMT production line



Automatic frame powder spraying production line

- Over 20 automatic intelligent production lines and unmanned core component workshops
- World-leading machining equipment ensure high consistency and precision of parts
- Advanced production technology and strict debugging ensure the stable performance of core components
- The only high-standard intelligent painting workshop in the industry makes Meyer color sorter more corrosion-resistant and more environment-friendly
- The only final assembly line in the industry, with the CNC system automatically monitoring the whole process, boosts production's efficiency
- Making products to the best, whether 1 or 10,000 sets, always with the consistent quality.

