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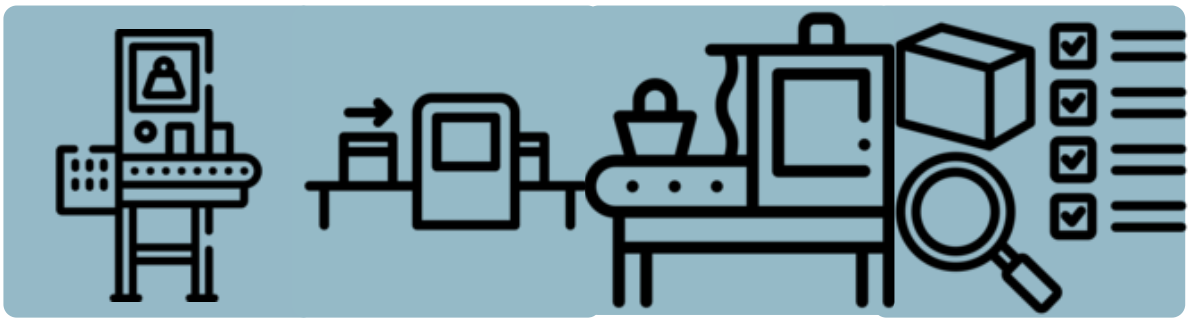

CHECKWEIGHER / METAL DETECTOR / X-RAY INSPECTION

INSPECTION SYSTEM

上海炬照智能设备股份有限公司

SHANGHAI JUZHAO INTELLIGENT EQUIPMENTS CO.,LTD

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METAL DETECTOR

High precision and stable performance
Find and removes metallic objects in variety of food types

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CHECK WEIGHER

High configuration and multiple scalability
Automatically check the weight of packaged foods

P12–13

X–RAY INSPECTION

Easy operation with smart -eye algorithm platform
safety, intelligent, stable design.

P14–15

WEIGH PRICE LABELLER

Designed for automatic weighing and labeling packed goods with price by weight.

P16–17

WEIGHT SORTING

Sorting and grading processing by weight
Multistage weight sorting widely used in fishery & seafood, meat, vegetabel & fruit, etc.

P18–19

COMBO MACHINE

Metal detection & checkweighing combo system
All in one guarantee product safety and weight.

QUALITY AND SAFETY

Shanghai juzhao intelligent equipment Co.,Ltd a leading manufacturer in dynamic weighing, detecting, inspection solution.
located in Shanghai, close to Hongqiao airport.
over 10 years experience.
Solutions of innovation for quality control, inline production

工厂简介
Factory Profile

Manufacturing companies must now ensure the final consumer a product that complies with high standards. In fact, recall policies are often very expensive, both in economic terms and in terms of brand image. Guaranteeing a safe product on the market means presenting yourself as a reliable partner for the development of your business.

Juzhao solutions are designed to ensure accurate control and reliable inspection of the product.

产品简介
Product introduction

Precise contamination detection &
high -speed inspection for weight control

metal detector

checkweigher

X-ray inspection

金属检测系列

METAL DETECTORS

MD SERIES

Metal detector for Non-metal packaging
Durable / Easy use

Capacity	up to 10kg
Belt speed	up to 32m/min
Belt height	700+100mm
Alarm	belt/buzzer/light
Power supply	220V 50/60Hz single phase
Climatic environment	up to 40℃ non-condensing

Conveyor width* valid passing height	Sensitivity Fe/Non-Fe/SUS (mm)
400mm*100mm	0.8/1.2/1.5
400mm*150mm	1.0/1.5/2.0
400mm*200mm	1.5/2.0/2.5

*** Sensitivity it is in the center of probe without product effect.**

*** Different product and environmental factors different sensitivity.**

MD-T SERIES

Touch screen control with statistics
Advanced / Reliable

Capacity	up to 10kg
Belt speed	up to 32m/min
Belt height	700+100mm
Alarm	belt/buzzer/light
Power supply	220V 50/60Hz single phase
Climatic environment	up to 40℃ non-condensing

Conveyor width* valid passing height	Sensitivity Fe/Non-Fe/SUS (mm)
400mm*100mm	0.8/1.2/1.5
400mm*150mm	1.0/1.5/2.0
400mm*200mm	1.5/2.0/2.5

ND SERIES

Magnetic induction for aluminium film
USB / anti-inspection mode

Capacity	up to 10kg
Belt speed	up to 32m/min
Belt height	700+100mm
Alarm	belt/buzzer/light
Power supply	220V 50/60Hz single phase
Climatic environment	up to 40℃ non-condensing

Conveyor width* valid passing height	Sensitivity Fe(mm)
400mm*100mm	0.8
400mm*150mm	1.0
400mm*200mm	1.5

*** Metal detector probe size is determined by the max size of product.**

*** Rejector system is optional, based on the product weight, size, shape etc.**

定量分选秤系列 check weigher

CW SERIES-100/150/220/300

High-speed solution for lightweight range

Capacity (g)	300/500/1200/3000
Throughput (pbm)	250/198/180/150
Accuracy (g)	0.1/0.3/0.5/1
Belt height (mm)	700+100
Belt speed (m/min)	up to 85
Power	220V 50/60Hz single phase

CW SERIES-450/500

The strong instrument for heavy and huge products

Capacity (g)	450/500
Throughput (pbm)	62/50
Accuracy (g)	5/10
Belt height (mm)	700+100
Belt speed (m/min)	up to 50
Power	220V 50/60Hz single phase

*** The accuracy changes with different products, length, environmental influence.**

CONFIGURATION

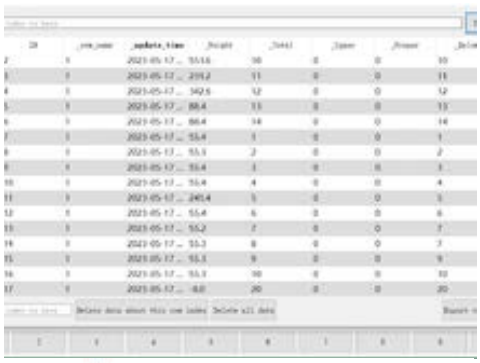
Multiple configurations and systems.

Item	Brand
HMI touch screen	10' MCGS/7' Siemens
Inverter	Siemens
PLC	Siemens/Mitsubishi
Load cell	Mettler Toledo/HBM
Photo sensor	Omron
Belt	Habasit
Power	Schneider Electric

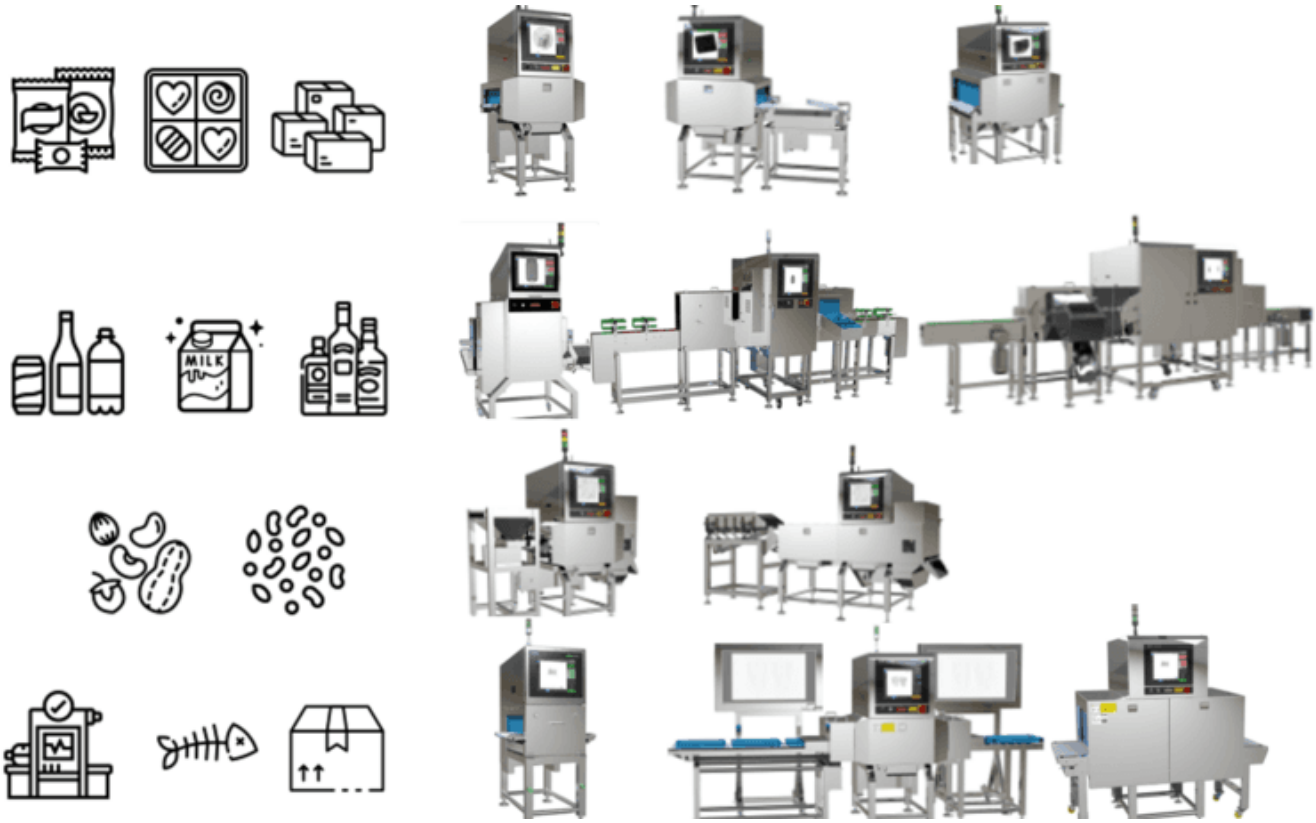
BENEFITS

Application/software/
data statistics/ internet of things

	Export weighing data by USB port
	Communicate with PC by ethernet
	Data management software
PLC	Siemens or Mitsubishi PLC avaliable
IOT	Production line setup and connection



食品X光检测系列



Food X-RAY INSPECTION
All metal/ bone/glass/ can be used in foil trays, metalized film packaging product.

C– SERIES

Packaged foods/pouch snack/dairy/poultry

Application size	Performance
Mode	C2412/C4016/**C6030**
Max inspection size	24cm*12cm / 40cm*16cm / 60cm*30cm (W*H)
Algorithm-platform	XDET-AI humanized easy use
X-ray generator	VJ X ray tube 80kV 150W/210W/350W
Inspection ability	SUS ball:0.3mm, SUS wire:0.2mm*2mm, Glass ball: 1.0mm **SUS ball:0.4mm, SUS wire:0.3mm*2mm, Glass ball: 1.0mm**

*** Different product and environmental factors different sensitivity.**

D– SERIES Bottles/Glass/jars

Application size	Performance
Mode	D1623/D1825/D2253
Max inspection size	16cm*23cm / 18cm*25cm / 22cm*53cm (W*H)
Algorithm-platform	XDET-AI humanized easy use
X-ray generator	VJ X ray tube 80kV 210W/350W/480W
Inspection ability	SUS ball:0.4mm, SUS wire:0.3mm*2mm, Glass ball: 1.0mm

B– SERIES Bulk foods/ nuts/ beans

Application size	Performance
Mode	B4010
Max inspection size	40cm*10cm (W*H)
Algorithm-platform	XDET-AI humanized easy use
X-ray generator	VJ X ray tube 80kV 210W
Inspection ability	SUS ball:0.3mm, SUS wire:0.2mm*2mm, Glass ball: 1.0mm

F– SERIES Fish

Application size	Performance
Mode	F4010
Max inspection size	40cm*10cm (W*H)
Algorithm-platform	XDET-AI humanized easy use
X-ray generator	VJ X ray tube 80kV 350W
Inspection ability	SUS ball:0.2mm, SUS wire:0.1mm*2mm, Glass ball: 1.0mm

*** Rejector system is optional, based on the product weight, size, shape etc.**

称重打印贴标系列

WEIGH PRICE LABELER

CW-L SERIES

Single framed modular design dynamic weigh price labeller

SPECIFICATION

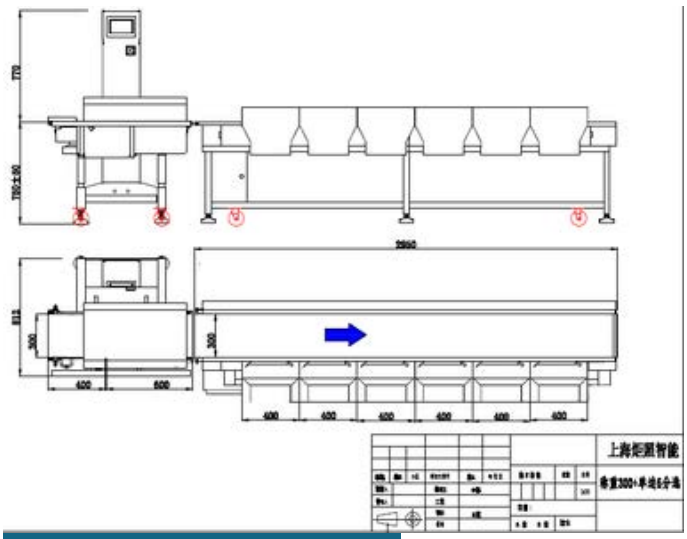
HMI	13.3’ colorful touch screen display with Windows 10
Throughput	Max 45pcs/min (depends on the label size and content.)
Configuration	Product flow:LR (optional RL). printer position: top
Scale capacity/accuracy	5g-5kg/1g
Product/Tray size	Length: 40-410mm/Width: 40-300mm/Height: 1-250mm
Print method/print resolution	Direct Thermal printing (8 dot) / 203dpi/8 dots per mm
Label size	Length: 30-130mm/Width: 30-120mm
Label applicator and supply	Air jet/ 0.5-0.6Mpa
Label roller core(outer) diameter	76mm(285)
Power	220V 50/60Hz Single phase
Communication	Parallet port, ERP, USB/RS485/Ethernet TCP/IP

称重分选系列

MULTI-WEIGHT GRADER

CW-S SERIES

Widely used in fishery & seafood, poultry & meat, hardware, plasitc product, chemical materials etc.



SPECIFICATION

Model	CW-S6
Throughput	Max 120pcs/min (depends on the product size)
Weighing capacity	3000g
Sorting grades	6 grades
Product/Tray size	up to 450mmL*300mmW
weighing sensor	Mettler Toledo
Constructon	waterproof design and moisture protection.
Weighing accuracy	1g
Label applicator and supply	Air jet/ 0.5-0.6Mpa
Control system	Mitsubishi PLC
HMI	10' MCGS with USB output for weight data
Power	220V 50/60Hz Single phase

METAL DETECTOR COMBO CHECKWEIGHER

Intergrated combinaition system are the ideal way inspect and weigh all in one machine.

Weighing range	5g-5000g
Product size limit	Up to 450mmL*300mmW
Control system	Siemens PLC
Rejector signal	Foreign metal/over/less weight
Data output	USB/Ethernet interface
Sensitivity/Accuracy/speed	Depends on model, product, environment different

Standard feature: small footprint, high accracy, assured weigh compliance, quick setup.

CHECKWEIGHER WITH PRINTER

With RS232/485/USB/ethernet communication interface

Reliable Operation, Quality Printing,Longer working life
Comfortable Design: User-friendly design,more convenient.
Updated Technology,Multi functions
Stable Performance
360 Degree Adaptability, 360 degree print on even an uneven surface of all material
Compatible with most inkjet printers: videojet/markem-imaje/Markoprinter, also avaliable for laser

INTELLIGENT SCANNING CODE WEIGHING-DATA MANAGEMENT SYSTEM

Automatic focus code reader
communicate with checkweigher system
Automatic product formulation switching

MULTI-ROW WEIGHING

Multi-lane inspection
Suitable for production lines where multiple products are inspected with one unit.

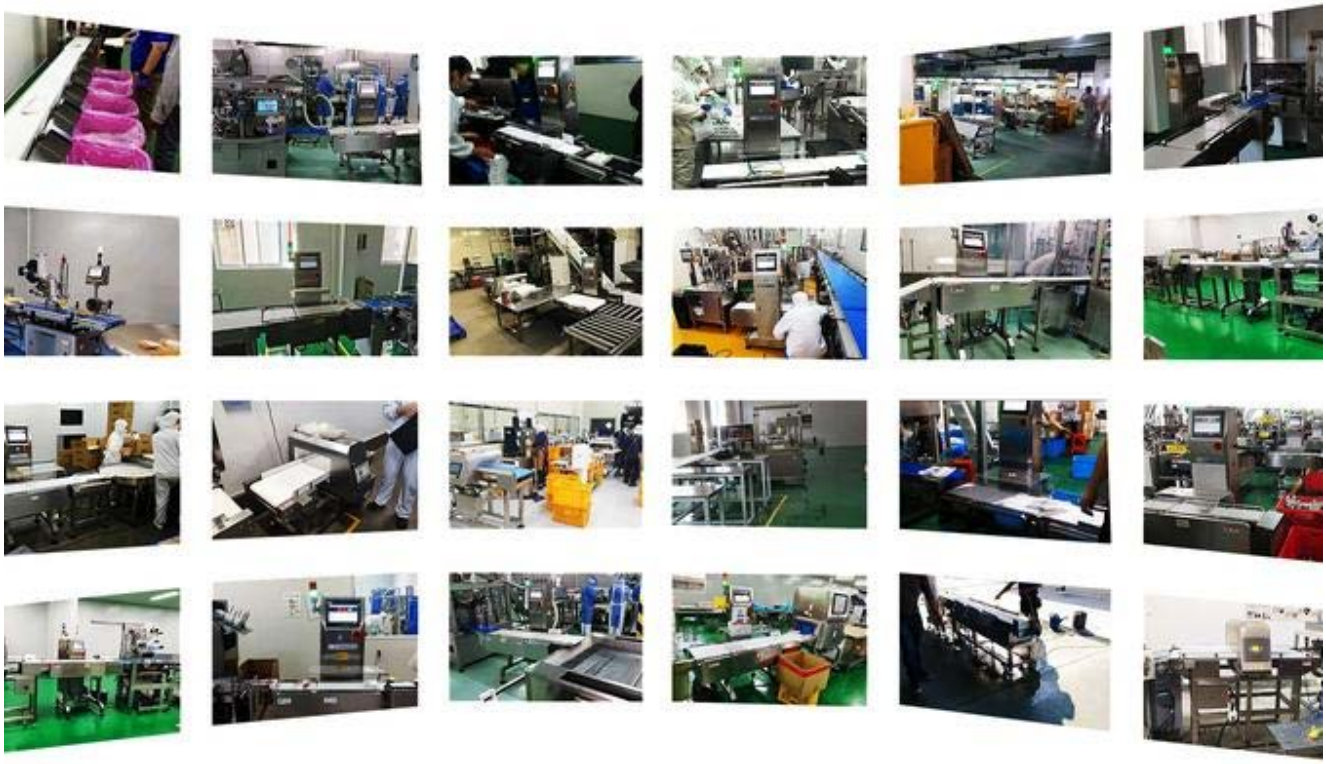
MULTI-DEVICE MONITORING, WEIGHT DATA MANAGMENT AND HISTORY DOWNLOAD

Boost your productivity with Juzhao smart software

PC-based client server solution that monitors and manages data collected from Juzhao product devices.

CUSTOMIZATION

APPLICATIONS



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www.weighingandlabeling.com

www.foodx-ray.com

Google : checkweigher factory, weighing and labeling factory, food xray factory No.1

Quality control solution
Weigh, Select, label, print, inspection all in one
Metal detector
Multi-model, high precision with stable performance, after-sales is more important
Checkweigher
Mettler Toledo loadcell with Siemens PLC for high precision and extensibility
Weigh price labeler
Automatic compact weigh-price labelling Real-time high performance with Zebra engineer
Weighing jet printer
RS485/USB ethernet net work connectivity with kinds of printer QR code scanner communication for ERP
X-ray inspection
Smart-eye platform with VJ X-ray tube and Hamamatsu receptor Linux system with XDET AI algorithm
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