

Metal detector&Weight checker

1. Check weigher/ Metal Detector/Inspection Machine

1)CJB Series Automatic Check Weigher;

I. Introduction:

1)This machine is suitable for weight inspection of already packaged goods; it displays the weight of the goods and eliminates automatically the unacceptable goods. With Automatic reject device . Made in 304 Stainless steel.

2) with function of over 10 different production setting memory, automatic No-qualified production reject, automatic production classification and counting, automatic weighing signal feedback, etc.

3)It can be connect with PC to down load the production information.

4)This machine can be installed with JST2000 Metal Detector to be a complete packaging line, and also can be used alone.

II. Machine Configuration:

1. Weview Color Touch Screen;

2. HBM DIGITAL LOAD CELL;

3. TAIWAN MOTOR;

4. SKF BEARING;

5. AIR TAG VALVE;

III. Technical Information:

Model	Weighing station size	Subject size mm	Weighing range	Speed Times/min	Weight Accuracy	Reject type
CJB300	300mm*220mm	Max 250*200	20-500g	Max 120	+/- 0.5-1g	Air blow
CJB400	400mm*300mm	Max 350*250	50-2000g	Max 100	+/- 0.5-1.5g	Pneumatic Pushment
CJB600	600mm*400mm	Max 500*350	0.5-5kg	Max 80	+/- 1-5g	
CJB30K	1000mm*600mm	Max 850*550	5-50kg	Max 20	+/- 5-25g	

2)JST Series Conveyor type Metal Detector;

I.Introduction:

1. Digital processing to received signal with advanced microcomputer, to improve detecting accuracy.
2. Has memory function, could remember twenties productions' checking values.
3. Human-nature operation interface can be set simple and convenient.
4. Made by stainless material, high quality.
5. Conform to GMP, HACCP standard.
6. Suitable for detecting small metal materials such as iron, copper, aluminum and stainless inside production in textile, toys, foodstuff, medicine industries, etc. Can detect many type objects, such as bags, bottles, carton boxes, etc.

Note: in general, the detecting sensitivity varies with the height of detecting window; changers of detected material, shape, detecting environment and position of detected object will lead to difference of the detecting sensitivity.

II. Technical Information:

Model	Chanel size	Belt speed	Reject type	Sensitivity	Loading
JST4020	400mm(Width)*200mm(Height)	25m/min	Alarm light with belt stop	Fe $\geq\phi$ 1.0 mm S.S 304: $\geq\phi$ 2.0 mm	Max 2kg
JST5030	500mm(Width)*300mm(Height)	20m/min		Fe $\geq\phi$ 1.5 mm S.S 304: $\geq\phi$ 2.5 mm	Max 5kg
JST6040	600mm(Width)*400mm(Height)	15m/min	Pneumatic	Fe $\geq\phi$ 2.0 mm S.S 304: $\geq\phi$ 3.5 mm	Max 25kg

3) IMD series Gravity drop Metal Detector;



I. Introduction:

1. Compact design, small occupied space
2. Rapid rejecting mechanism, to reduce the waste of the materials
3. In line with the GMP requirements, easy to install and to clean
4. Circuit design is more stable than traditional analog machine and also a higher sensitivity
5. Special design of the mechanical structure, to effectively avoid the external interference like vibration, noise, product effect, etc

II. Technical information:

Model	Tube Size	Reject type	Sensitivity
IMD50	Φ50mm	Auto flap reject	Fe:Φ0.5mm; 304 S.S:Φ0.8mm
IMD75	Φ75mm		Fe:Φ0.5mm; 304 S.S:Φ1.2mm
IMD100	Φ100mm		Fe:Φ0.7mm; 304 S.S:Φ1.5mm
IMD150	Φ150mm		Fe:Φ0.8mm; 304 S.S:Φ1.5mm

4)XR System X-ray inspection machine



I. Introduction:

- 1.High Performance and Stability XR Series X-ray Inspection System
- 2.A full range of contaminants inspection including metallic, non-metallic contaminants (Glass, Ceramic, Stone, Bone, Hard Rubber, Hard Plastic , etc.). It can inspect metallic, non-metallic packaging and canned goods, and the inspection effect will not be affected by temperature, humidity, salt content and etc.
- 3.The X-ray inspection system is suitable for the inspection of metallic and non-metallic contaminants, defects etc in Food, Chemical, Pharmaceutical Industries.

II. Technical Parameters

Model	XR Series							
Specifications	2480	4080	4080S	4080SL	4080SH	5080S	5080SH	6080SH
X-ray Tube	MAX. 80kV, 150W	MAX.80kV,210W		MAX. 80kV,350W				
Inspection Width	240mm	400mm			500mm		600mm	
Inspection Height	110mm	160mm		100mm	220mm	160mm	250mm	300mm
Best Inspection Ability	SUS Ball: Φ0.3mm SUS Wire:0.2*2mm				SUS Ball:Φ0.4mm, SUS Wire:0.2*2mm			
Conveyor Speed	10-70m/min				10-40m/min			

Display Screen	Full-color TFT 15" Touch Screen
O/S	Window XP Professional
Connectivity	LAN port, USB port
Product Management	Complete Product Log
Parameter Adjustment	Auto setting/Manual learning
Image Management	Image Save/Print/Analysis
Power Supply	AC220V (Optional)
Main Material	SUS304
Purification	Easy to Wash
Temperature Adjustment	Industrial Air Condition
X-ray Leakage	< 1 microsievert per hour
Protection Mode	Removable Protective Curtain