Metal detection equipment

AEC500C Series digital intelligent conveyor belt metal detector can be used in food, pharmaceutical, chemical, textile, garment, toy paper-making, hygienic products, electronics, renewable resources industry etc, applying to detect broken needles, iron wires, metals (such as Plumbum; Copper; Aluminum; Stannum; SUS etc.) that mixed or left with products, raw materials. Using metal detector can help relative corporations pass HACCP,GMP, FDA,QS, ISO9001 certificate.

1. AEC500C Series Digital Intelligent Conveyor Belt Metal Detector



LCD SCREEN TYPE



TOUCH SCREEN TYPE

AEC500C Series digital intelligent metal detector is a new generation of intelligent metal detector adopted digital intelligent technology, which realizes full digitally and intelligently on metal detection.With excellent performances and easy operation to improve efficiency greatly.

Application:

AEC500C Series digital intelligent conveyor belt metal detector can be used in food, pharmaceutical, chemical, textile, garment, toy paper-making, hygienic products, electronics, renewable resources industry etc, applying to detect broken needles, iron wires, metals (such as

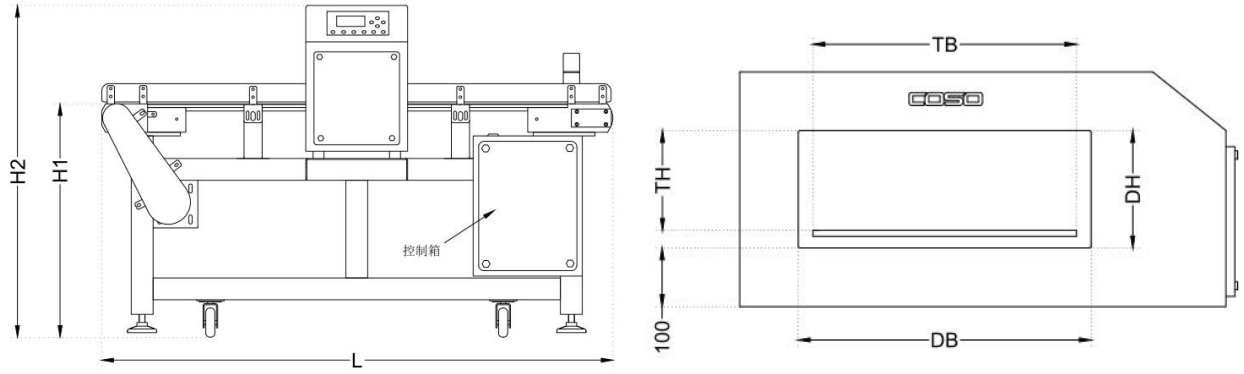
Plumbum; Copper; Aluminum; Stannum; SUS etc.) that mixed or left with products, raw materials. Using metal detector can help relative corporations pass HACCP,GMP, FDA,QS, ISO9001 certificate.

Product Features:

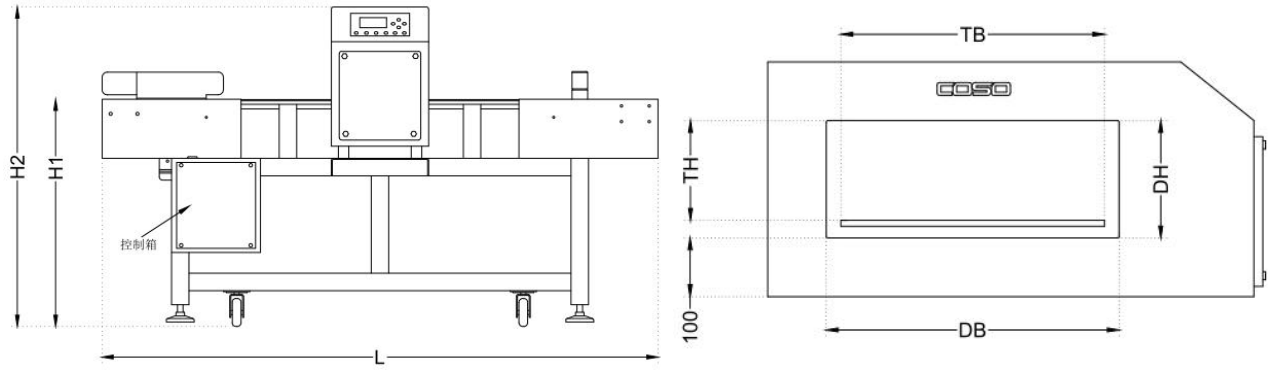
1. Operating system adopts highly human-oriented and intelligent design and has the function of one-bottom self-learning. The machine can set and store product parameters automatically and precisely when the products to be detected passing metal detector according to set procedure, no need to adjust by human and is easy to operate.
2. Detector is made by COSO unique materials and manufacturing techniques, possessing high sensitivity, strong ability for anti-interference, stable performances, and life span more than 10 years.
3. Having memory function for 100 kinds of products parameters; that is, metal detector can store 100 kinds of products parameters, and once the products parameters are set, no need to adjust again.
4. Metal detector can automatically detect faults when booting and has the function of prompt, which can effectively eliminate invalid detection.
5. The whole machine adopts modular design and installation, which benefits for assembly and disassembly, having advantages of convenient maintenance and low cost for maintenance.
6. Customization can be provided according to detecting products' sizes, weight and characteristics in order to achieve best detection results.
7. The automatic conveying system, reject system and control system can be customized according to production line's features, which can enhance production efficiency.
8. Customization for waterproof, dust-proof and explosion-proof needs can be provided according to the environment of production line in order to protect usage safety.

Structure:

DB: Width of detector H1：Height from conveyor belt to the ground
DH：Height of detector H2：Height of whole machine
TB：Passing width L：Length of conveyor belt
TH：Passing height W：Height of whole machine



For Lightweight Products



For Heavy-weight Products

Specification

Model	Size of whole machine（mm）				Size of detector（mm）				sensitivity		Max Weight(kg)	Speed(m/s)	Power supply	Working Environment
	H1	H2	L	W	DB	TB	DH	TH	Fe (mm)	SUS (mm)				
3008	700	850	1200	650	300	250	80	50	0.6	1.0	0-25kg（can be customized）	0.25-0.6	AC220V ±10% 50-60Hz	-20℃～50℃ Humidity below 90%
3010	700	870	1200	650	300	250	100	70	0.8	1.5				
3012	700	890	1200	650	300	250	120	90	0.8	1.8				
3015	700	920	1200	650	300	250	150	120	1.0	2.0				
4510	700	900	1400	750	450	400	100	70	0.6	1.5				
4512	700	920	1400	750	450	400	120	90	0.8	1.8				
4515	700	950	1400	750	450	400	150	120	1.0	2.0				
5010	700	900	1500	850	500	450	100	70	0.8	1.8				
5012	700	920	1500	850	500	450	120	90	1.0	1.8				
5015	700	950	1500	850	500	450	150	120	1.2	2.0				
5020	700	1000	1600	850	500	450	200	170	1.4	2.2				
5025	700	1050	1600	850	500	450	250	220	1.5	2.5				
5030	700	1100	1600	850	500	450	300	270	2.0	3.0				
6030	400	800	1800	950	600	550	300	270	2.5	3.5	25-200kg（can be customized）	0.25-0.6	AC380V ±10%, 50-60Hz	0-40℃ Humidity below 80%
6035	400	850	1800	950	600	550	350	320	3.0	4.0				
6040	400	900	2000	950	600	550	400	370	3.5	4.5				
6050	400	950	2000	950	600	550	500	470	4.0	5.5				

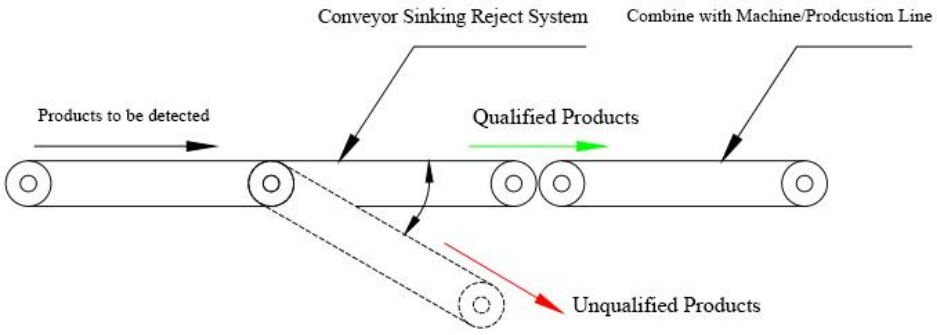
Notes:

1. All the sensitivity parameters above is on the basis of the test card detected on conveyor belt; while the actual sensitivity will be affected by the product's features and working environment.
2. Above technical parameters are some ordinary models, if you want to know more different technical parameters, please consult our employees.
3. Products will constantly upgrade; please refer to our newest technical parameters for changes on parameters.

2.AEC500C Series Metal Detector with automatic rejection system

1. Digital intelligent metal detector with sinking conveyor rejection system





Principle for rejection system:

As picture shows, Green arrow → means moving direction for qualified products; Red arrow → shows the moving direction of unqualified products; Bi-directional arrow ⟷ means the moving direction of reject system when detecting unqualified products containing metallic impurities.

Application:

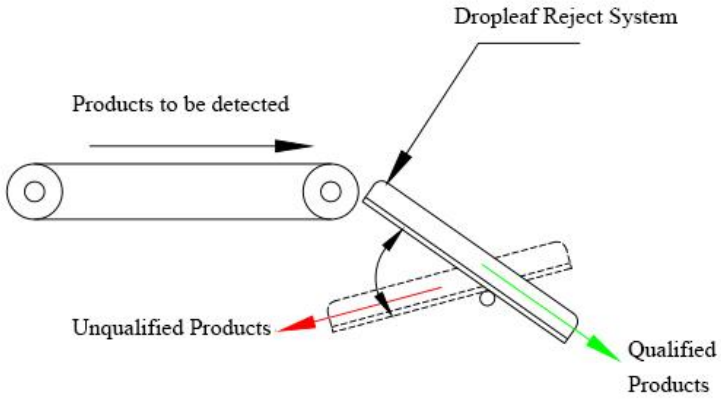
Suitable for lightweight products; mainly used in bakery industry for online detection. Metal detector can be customized according to special requirements of production line's features. Suitable for cookies, paste, custard cake industry.

Product Features:

Special design of small roller and sinking conveyor can realize seamless connection with production line, which is suitable for connection between middle and other production line. Also, it helps moving order eliminate influence from conveyor and rejector, which can realize full automation on online metal detection and rejection on unqualified products.

2. Digital intelligent metal detector with dropleaf rejection system





Principle for rejection system:

As picture shows, Green arrow → means moving direction for qualified products; Red arrow → shows the falling direction of unqualified products; Bi-directional arrow ⟷ means the moving direction of reject system when detecting unqualified products containing metallic impurities.

Application:

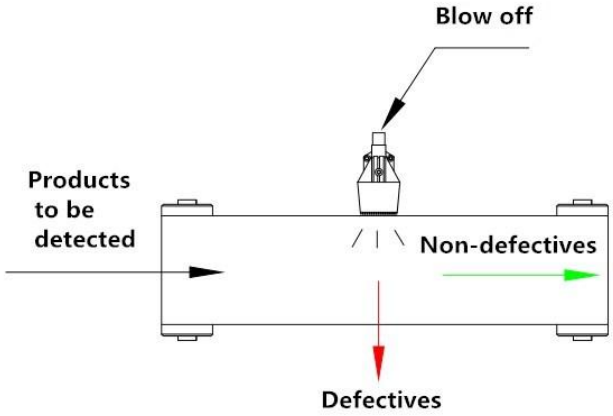
Suitable for bulk, lightweight and easy-falling products; mainly applied to food, pharmaceutical, toys industry etc for automatic online metal detection.

Product features:

Metal detector adopts air-operated dropleaf reject system which can combine with production lines realizing full automation on online metal detection and automatic rejection on unqualified products.

3. **Digital intelligent metal detector with air blow rejection system**





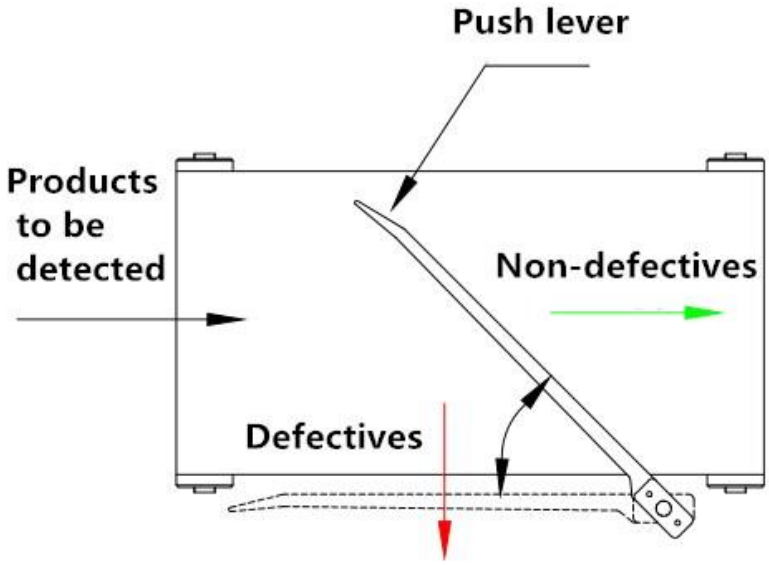
Eliminating principle: As shown above, the **green** arrow indicates the direction of non-detectives. The **red** arrow indicates the direction of defectives.

Application: It is suitable for the products with high speed and light weight. And it is mainly used in food, pharmaceutical, toys, hygienic products, health care products and other industries online metal detection.

Product features: The design of the pneumatic turnover plate can be connected with the production line, which can realize the automatic on-line metal detection and the automatic elimination of the bad products.

4. Digital Intelligent Metal Detector with Push Lever Rejection System





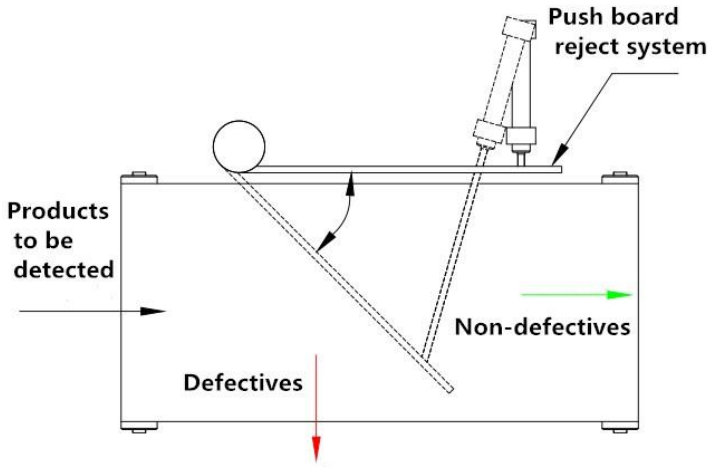
Eliminating principle: As shown above, the **green** arrow indicates the direction of non-detectives. The **red** arrow indicates the direction of defectives. The **bidirectional** arrow indicates moving route of removing device when detecting metal foreign bodies.

Application: It is suitable for boxed products, bagged products. There are some spaces when the products are being transported. And the weight of products are less than 5kg and the length is not exceeding 250mm. It is mainly used in food, pharmaceutical, toys, sanitary products and other industries of metal detection.

Product features: The design of the pneumatic push lever can be connected with the production line, which can realize the automatic on-line metal detection and the automatic elimination of the bad products.

5.Digital Intelligent Metal Detector with Pushing Board Rejection System





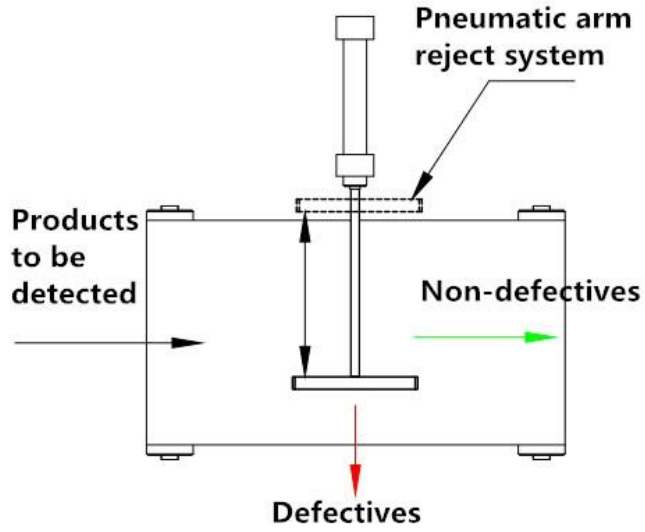
Eliminating principle: As shown above, the **green** arrow indicates the direction of non-detectives. The **red** arrow indicates the direction of defectives. The **black** arrow indicates moving route of removing device when detecting metal foreign bodies.

Application: It suitable for the whole bag, large package, large weight products and the weight is less than 50kg. It is mainly used in food, pharmaceutical, chemical, toys, medical supplies and other industries online metal detection. It can be customized according to the volume and weight of the products. Such as the whole bag of rice, the whole bag of flour.

Product features: The design of the pneumatic push board can be connected with the production line, which can realize the automatic on-line metal detection and the automatic elimination of the bad products.

6.Digital Itelligent Metal Detector with Pneumatic Arm Rejection System





Eliminating principle: As shown above, the **green** arrow indicates the direction of non-detectives. The **red** arrow indicates the direction of defectives. The **black** arrow indicates moving route of removing device when detecting metal foreign bodies.

Application: It is suitable for box products, and the weight is less than 10kg. It is mainly used in food, pharmaceutical, chemical, toys, medical supplies and other industries online metal detection, such as a box of drinks and a box of biscuits etc.

Product features: The design of the pneumatic arm can be connected with the production line, which can realize the automatic on-line metal detection and the automatic elimination of the bad products.

3.AEC500C series special customized metal detector

1.Double sensor digital intelligent metal detector



Application: It is suitable for metal testing of renewable resources, electronic factory plastic tray and non metal container.

Product features: Adopting double different height of detectors can detect precious thin electronic components or metal part in tray or carton to avoid loss or telling.

2.High sensitivity double sensor metal detector



Application: It is suitable for thin and wide width products. For example, It can be used to detected insulating rubber sheet and thin film in aerospace industry.

Product features: Special detector designs to ensure detect products twice.It can detect long and thin metal wire.

3.Ramp type metal detector



For Laundry industry



For Recycled Material Industry

Application: It suitable for the washing industry and the metal impurity detection of recycled materials.

Product features: With large detection window, it can test the entire package and also it can test single one, which can meet different needs.Ramp conveyor design to feed product conveniently.Able to avoid metal contamination to enter into downstream equipment.

4.Load-bearing metal detector



Application: It suitable for heavy bag or the whole carton products, such as a whole bag of rice, flour bag, a whole box of beverage and other large, heavy products.

Product Features:This type of metal detector can be customized according to production line.Able to transport and detect products with weight more than 100kg.

Online Metal Detector

SEC Series Metal Detector



SEC600 SUS Detector



SEC1200 Carton Steel Paint Detector

SEC series digital intelligent online metal detector can eliminate signal interference furthest from products themselves (like ore, coal, chemical, renewable resources, waste etc.) and conveyor belt itself by using DSP digital intelligent technology, at the same time, ensuring conveyor and products (like ore, coal, chemical, renewable resources, waste etc.) to pass detector, also can achieve perfect detection results.

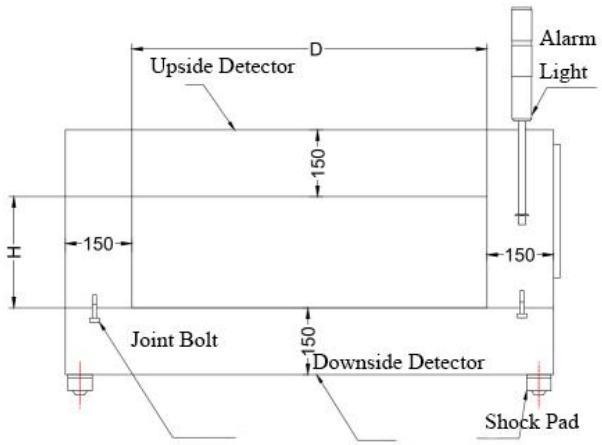
Application: Plastic, building material, wood, paper making, coal, textile, mines, cement, thermal power, chemical, chemical, waste processing and renewable resources industry etc. it is used for detecting bulk metallic impurities left or mixed with products, which can help avoid damage to working machines.

Features:

1. Using DSP digital intelligent technology deals with detection signal and interference signal, also can effectively and automatically control interference effects, possessing high detection sensitivity and strong anti-interference ability.
2. Having function of self-learning and memory, metal detector can automatically learn and memory products' features; effectively eliminate "metal effect" that ore, coal itself possesses, besides, it can memory products' parameters up to 100 kinds.
3. Adjustment of products' parameter is highly digital and easy to operate. By one-bottom self-learning can precisely set parameters automatically, no need for human to adjust and avoid complex debugging.
4. Metal detector has dialogue type LCD screen, menu, thin film switch bottom; convenient for operation.
5. Metal detector is waterproof, anti-vibration and has strong adaptability to environment and temperature changes.
6. The conveyor belt generally will be installed horizontally, but it can be applied to different angle according to your request.
7. The detector head can be separated, but the belt do not need to be cut.
8. When the impurities is detected,the metal detector will send the stopping signal from the intermediate relays to the conveyor belt system.

Specification

1.**Structure:**



2.Technical Parameter

Name	Parameter
Detecting Height	200mm (over 200mm, can be customized)
Detecting Width	500mm (over 500mm, can be customized)
Sensitivity	Decided by the width and height of tunnel, refer to below sheet
Power Supply	AC220V±10%,50-60HZ
Voltage	120W
Alarm	Release alarm signal to controller or automatic reject system or stop with alarm
Working Environment	-20℃～50℃；Humidity below90%

3. Size and Sensitivity

Tunnel Width	Tunnel Height	Suitable conveyor width	Passing height	Sensitivity	
1000mm	200mm	800mm	150mm	FeΦ≥2.6mm	SUSΦ≥4.0mm
1000mm	250mm	800mm	200mm	FeΦ≥3.5mm	SUSΦ≥5.3mm
1000mm	300mm	800mm	250mm	FeΦ≥4.2mm	SUSΦ≥6.3mm
1000mm	350mm	600mm	300mm	FeΦ≥4.5mm	SUSΦ≥6.5mm
1000mm	400mm	600mm	350mm	FeΦ≥5.2mm	SUSΦ≥7.8mm
1000mm	450mm	600mm	400mm	FeΦ≥6.1mm	SUSΦ≥9.2mm
1000mm	500mm	600mm	450mm	FeΦ≥6.8mm	SUSΦ≥10.3mm
1200mm	200mm	1000mm	150mm	FeΦ≥2.9mm	SUSΦ≥4.4mm
1200mm	250mm	1000mm	200mm	FeΦ≥3.8mm	SUSΦ≥5.7mm
1200mm	300mm	1000mm	250mm	FeΦ≥4.5mm	SUSΦ≥6.8mm
1200mm	350mm	800mm	300mm	FeΦ≥5.0mm	SUSΦ≥7.5mm
1200mm	400mm	800mm	350mm	FeΦ≥5.6mm	SUSΦ≥8.4mm
1200mm	450mm	800mm	400mm	FeΦ≥6.1mm	SUSΦ≥9.5mm
1200mm	500mm	800mm	450mm	FeΦ≥6.8mm	SUSΦ≥10.2mm
1400mm	200mm	1200mm	150mm	FeΦ≥3.2mm	SUSΦ≥5.5mm
1400mm	250mm	1200mm	200mm	FeΦ≥4.1mm	SUSΦ≥6.5mm
1400mm	300mm	1200mm	250mm	FeΦ≥5.0mm	SUSΦ≥7.5mm
1400mm	350mm	1000mm	300mm	FeΦ≥5.4mm	SUSΦ≥8.5mm
1400mm	400mm	1000mm	350mm	FeΦ≥6.3mm	SUSΦ≥9.5mm
1400mm	450mm	1000mm	400mm	FeΦ≥7.7mm	SUSΦ≥11.5mm

1400mm	500mm	1000mm	450mm	FeΦ≥8.6mm	SUSΦ≥13.0mm
1600mm	400mm	1200mm	300mm	FeΦ≥7.0mm	SUSΦ≥12.5mm
1600mm	500mm	1200mm	400mm	FeΦ≥8.0mm	SUSΦ≥13.5mm
1600mm	600mm	1200mm	500mm	FeΦ≥9.0mm	SUSΦ≥15.5mm
1600mm	700mm	1200mm	600mm	FeΦ≥10.0mm	SUSΦ≥17.5mm
1600mm	800mm	1200mm	700mm	FeΦ≥11.0mm	SUSΦ≥18.5mm
1600mm	900mm	1200mm	800mm	FeΦ≥12.0mm	SUSΦ≥21.0mm
1800mm	400mm	1400mm	300mm	FeΦ≥8.0mm	SUSΦ≥12.0mm
1800mm	500mm	1400mm	400mm	FeΦ≥10.0mm	SUSΦ≥15.0mm
1800mm	600mm	1400mm	500mm	FeΦ≥12.0mm	SUSΦ≥18.0mm
1800mm	700mm	1400mm	600mm	FeΦ≥14.0mm	SUSΦ≥21.0mm
1800mm	800mm	1400mm	700mm	FeΦ≥16.0mm	SUSΦ≥24.0mm
1800mm	900mm	1400mm	800mm	FeΦ≥18.0mm	SUSΦ≥27.0mm
1800mm	1000mm	1400mm	900mm	FeΦ≥20.0mm	SUSΦ≥40.0mm
2000mm	400mm	1600mm	300mm	FeΦ≥9.0mm	SUSΦ≥18.0mm
2000mm	500mm	1600mm	400mm	FeΦ≥11.0mm	SUSΦ≥25.0mm
2000mm	600mm	1600mm	500mm	FeΦ≥13.0mm	SUSΦ≥30.0mm
2000mm	700mm	1600mm	600mm	FeΦ≥15.0mm	SUSΦ≥33.0mm
2000mm	800mm	1600mm	700mm	FeΦ≥17.0mm	SUSΦ≥38.0mm
2000mm	900mm	1600mm	800mm	FeΦ≥19.0mm	SUSΦ≥43.0mm
2000mm	1000mm	1600mm	900mm	FeΦ≥21.0mm	SUSΦ≥47.0mm
2200mm	400mm	1800mm	300mm	FeΦ≥10.0mm	SUSΦ≥25.0mm
2200mm	500mm	1800mm	400mm	FeΦ≥12.0mm	SUSΦ≥30.0mm
2200mm	600mm	1800mm	500mm	FeΦ≥14.0mm	SUSΦ≥35.0mm
2200mm	700mm	1800mm	600mm	FeΦ≥16.0mm	SUSΦ≥40.0mm
2200mm	800mm	1800mm	700mm	FeΦ≥18.0mm	SUSΦ≥45.0mm
2200mm	900mm	1800mm	800mm	FeΦ≥20.0mm	SUSΦ≥50.0mm
2200mm	1000mm	1800mm	900mm	FeΦ≥22.0mm	SUSΦ≥55.0mm
2400mm	400mm	2000mm	300mm	FeΦ≥12.0mm	SUSΦ≥30.0mm
2400mm	500mm	2000mm	400mm	FeΦ≥14.0mm	SUSΦ≥35.0mm
2400mm	600mm	2000mm	500mm	FeΦ≥16.0mm	SUSΦ≥40.0mm
2400mm	700mm	2000mm	600mm	FeΦ≥18.0mm	SUSΦ≥45.0mm
2400mm	800mm	2000mm	700mm	FeΦ≥20.0mm	SUSΦ≥50.0mm
2400mm	900mm	2000mm	800mm	FeΦ≥22.0mm	SUSΦ≥55.0mm
2400mm	1000mm	2000mm	950mm	FeΦ≥24.0mm	SUSΦ≥60.0mm

Notes:

4. All the sensitivity parameters above is on the basis of the test card detected on conveyor belt; while the actual sensitivity will be affected by the product's features and working environment.
5. Above technical parameters are some ordinary models, if you want to know more different technical parameters, please consult our employees.
6. Products will constantly upgrade; please refer to our newest technical parameters for changes on parameters.

AEC500C Series Digital Intelligent Metal Detector



SUS



Stainless steel mirror

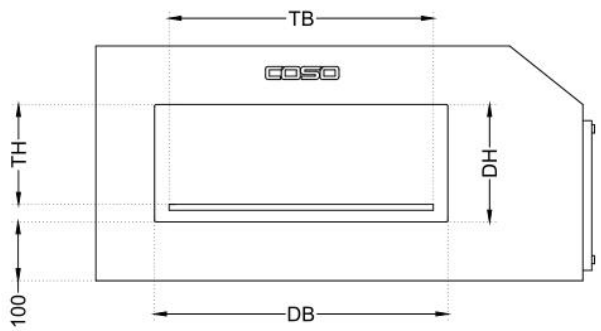
AEC500C Series digital intelligent undetachable detector is a new generation of intelligent metal detector adopted digital intelligent technology, which realizes full digitally and intelligently on metal detection.With excellent performances and easy operation to improve efficiency greatly.

Application: AEC500C Series digital intelligent conveyor belt metal detector can be used in food, pharmaceutical, chemical, textile, garment, toy paper-making, hygienic products, electronics, renewable resources industry etc, applying to detect broken needles, iron wires, metals (such as Plumbum; Copper; Aluminum; Stannum; SUS etc.) that mixed or left with products, raw materials. Using metal detector can help relative corporations pass HACCP,GMP, FDA,QS, ISO9001 certificate.

Features:

1. Operating system adopts highly human-oriented and intelligent design and has the function of one-bottom self-learning. The machine can set and memory product parameters automatically and precisely when the products to be detected passing metal detector according to set procedure, no need to adjust by human and is easy to operate.
2. Detector is made by using COSO special materials and manufacturing techniques, possessing high sensitivity, strong ability for anti-interference, stable performances, and life cycle more than 10 years.
3. Having memory function for 100 kinds of products parameters; that is, metal detector can store 100 kinds of products parameters, and once the products parameters are set, no need to adjust again.
4. Metal detector can automatically detect faults when booting and has the function of prompt, which can effectively eliminate invalid detection.
5. The whole machine adopts modular design and installation, which benefits for assembly and disassembly, having advantages of convenient maintenance and low cost for maintenance.
6. Customization can be provided according to detecting products' sizes, weight and characteristics in order to achieve best detection results.
7. Customization for waterproof, dust-proof and explosion-proof needs can be provided according to the environment of production line in order to protect usage safety.

Structure



Specification

Model	Detector size (mm)				sensitivity		Power supply	Working environment
	DB	TB	DH	TH	Fe(mm)	SUS(mm)		
3008	300	250	80	50	0.6	1.0		
3010	300	250	100	70	0.8	1.5		
3012	300	250	120	90	0.8	1.8		
3015	300	250	150	120	1.0	2.0		
4010	450	400	100	70	0.6	1.5		
4012	450	400	120	90	0.8	1.8		-20℃～50℃
4015	450	400	150	120	1.0	2.0		Humidity below
5010	500	450	100	70	0.8	1.8	AC220V±10%	90%
5012	500	450	120	90	1.0	1.8	50-60Hz	
5015	500	450	150	120	1.2	2.0		
5020	500	450	200	170	1.4	2.2		
5025	500	450	250	220	1.5	2.5		
5030	500	450	300	270	2.0	3.0		
6030	600	550	300	270	2.5	3.5		
6035	600	550	350	320	3.0	4.0		
6040	600	550	400	370	3.5	4.5		
6050	600	550	500	470	4.0	5.5		

Notes:

7. All the sensitivity parameters above is on the basis of the test card detected on conveyor belt; while the actual sensitivity will be affected by the product's features and working environment.
8. Above technical parameters are some ordinary models, if you want to know more different technical parameters, please consult our employees.

9. Products will constantly upgrade; please refer to our newest technical parameters for changes on parameters.

4.AEC500D Series High Sensitivity Digital Intelligent Metal Detector



AEC500D Series high sensitivity conveyor metal detector adopts Germany technology, and have high detection sensitivity as well as stable properties.

Application: Suitable for food, pharmaceutical, chemical industry that have high requirements detection sensitivity to detect bulk products or packaged products. It can help related companies pass HACCP, FDA, QS, ISO90000 certificate.

Features:

1. Adopt advanced digital excellence technology, and have high detection sensitivity.
2. Stable stainless steel detection head and conveying system ensure stable detection, good property and long lifetime.
3. Have self- learning study function, can automatically digitally learn and store product's features. Besides, it can effectively eliminate product effect.
4. It can store more than 200 kinds of testing data of products, which can quickly change product's parameters.
5. The inner coil adopt completely sealed method to effectively avoid spreading out electromagnetic wave. And it can reduce wrong alarm because of the movement of external metallic components.
6. High ability of noiseproof; suitable for vibration and temperature change in the industry.
7. It has many foreign languages operation system. Different foreign consumer can choose according to their needs.
8. Reject system: push lever, swing arm, air blowing, flop drop can be chose.
9. Comply with HACCP, GMP,FDA, QS, ISO90000 certificate
10. The automatic conveying system, reject system and control system can be customized according to production line's features, which can enhance production efficiency.

Specification

Model	Size of Whole Machine（mm）				Tunnel size （mm）				Sensitivity		Max Weight(kg)	Speed (m/s)	Power Supply	Working Environment
	H1	H2	L	W	DB	TB	DH	TH	Fe (mm)	SUS (mm)				
AEC3005D	700	850	1200	650	300	250	50	30	0.37	0.52	0-25kg	0.25-0.3	AC220V±10% 50-60Hz	-20℃～50℃; Humidity below 90%
AEC3010D	700	880	1200	650	300	250	100	70	0.57	0.80				
AEC4010D	700	900	1400	750	400	350	100	70	0.6.	0.88				
AEC4012D	700	920	1400	750	400	350	120	90	0.73	1.02				
AEC4015D	700	950	1400	750	400	350	150	120	0.83	1.16				
AEC5010D	700	900	1600	850	500	450	100	70	0.68	0.95				
AEC5012D	700	920	1600	850	500	450	120	90	0.78	1.09				
AEC5015D	700	950	1600	850	500	450	150	120	0.88	1.23				
AEC5020D	700	1000	1600	850	500	450	200	170	1.08	1.51				
AEC5025D	700	1050	1600	850	500	450	250	220	1.28	1.79				

AEC5030D	700	1100	1600	850	500	450	300	270	1.48	2.07				
AEC6030D	400	800	2000	950	600	550	300	270	1.54	2.5	25-200kg (Can be customized)	0.25-0.6	AC380V±10%, 50-60Hz	-20℃～50℃; Humidity below 90%
AEC6035D	400	850	2000	950	600	550	350	320	2.26	2.56				
AEC6040D	400	900	2000	950	600	550	400	370	2.52	2.86				
AEC6050D	400	950	2000	950	600	550	500	470	3.04	3.44				

Notes:
All the sensitivity parameters above is on the basis of the test card detected on conveyor belt; while the actual sensitivity will be affected by the product's features and working environment.
Above technical parameters are some ordinary models, if you want to know more different technical parameters, please consult our employees.
Products will constantly upgrade; please refer to our newest technical parameters for changes on parameters.

5.Metal Detector for Foil Aluminum Packing

1.AMC500 Metal Detector for Foil Aluminum Packing



AMC500 Foil Aluminum metal detector specializes for non-Fe metallic film packing products, like foil aluminum, aluminum film to detect food products, using magnetic induction principle to detect metallic impurities for foil aluminum packing food products.

Application:
Suitable for foil aluminum packing products, like chocolate, candy, instant noodles, infant rice flour and milk powder etc, to detect metallic impurities.

Features:
1. Adopts Japanese technology, with high sensitivity.
2. Human-friendly design of operating manual, with easiness to operation.

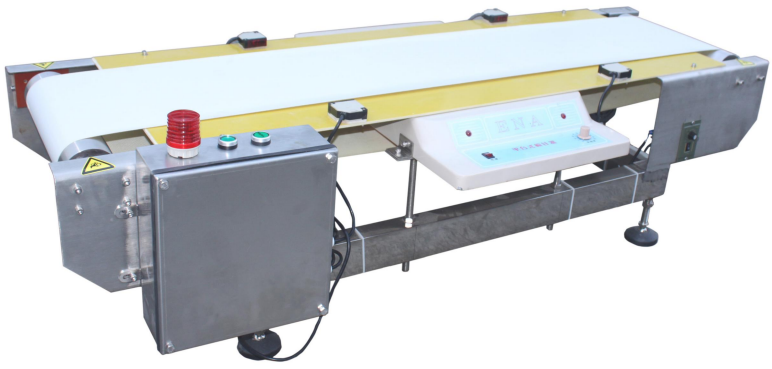
3. Using sound and light alarm, or automatically reverse; easy to use and reliable.
4. Can be customized according to size, weight and features of products, in order to achieve best detection results.
5. The whole machine adopts SUS304, stable and reliable, dustproof and easy to clean.
6. Accords with HACCP, FDA, QS, ISO9000 certificate.

Specification：

Model		AMC5005	AEC5010	AEC5012	AEC5015	AMC5020	AMC5025	AMC5030
Tunnel Width		50mm	100mm	120mm	150mm	200mm	250mm	300mm
Tunnel Width		400mm	400mm	400mm	400mm	400mm	400mm	400mm
Sensitivity	Fe>=	0.6mm	0.8mm	1.0mm	1.2mm	1.5mm	2.0 mm	2.0mm
Power Supply		AC220V±10%, 50-60Hz						
Working Environment		-20℃～50℃； Humiditybelow90%						

Notes:
1All the sensitivity parameters above is on the basis of the test card detected on conveyor belt; while the actual sensitivity will be affected by the product's features and working environment.
2Above technical parameters are some ordinary models, if you want to know more different technical parameters, please consult our employees.
3Products will constantly upgrade; please refer to our newest technical parameters for changes on parameters.

6.Machine for missing deoxidizer



Metal residual instrument is suitable for food packing, in order to avoid forgetting to put deoxidizer in food packing.

Application: Applying to food and pharmaceutical industry to prevent from forgetting to put deoxidizer in packing to enter into next procedure.

Features：

(1). Adopts electromagnetic induction and photoelectric sensing technology, with high sensitivity and anti-interference ability.
(2). Detection equipment is made up of actuator, photoelectric switch, metal detecting and control components
(3).Photoelectric switch is installed in the inlet, when materials pass the detection area, and detect the deoxidizer, then it can pass. When there is no deoxidizer, signal alarms and the machine stops.
(4). Products are transferred by conveyor and can combine with production line, which can realize automatic detection on production line. The machine adopts sound and light alarm, at the same time, automatically reverse or stop, is easy to operate and use.

Technical Specification

Power supply	AC220V 50HZ±10%
Voltage	machine 60W; motor 60W
Detecting width	400 mm（can be customized）
Detecting thickness	20mm(limit to deoxidizer)
Sensitivity	adjusted (10 levels)
Detecting ability	FeΦ 1.2—1.5mm (detection area surface)
Conveyor speed	34m/min（can install speed controller）
Size	(Length*Width*Height)1610mm×510 mm×400mm（can be customized）