

Online Metal Detector

SEC1000 Series Metal Detector



SUS Material Metal Detector



Carton Steel Paint Metal Detector

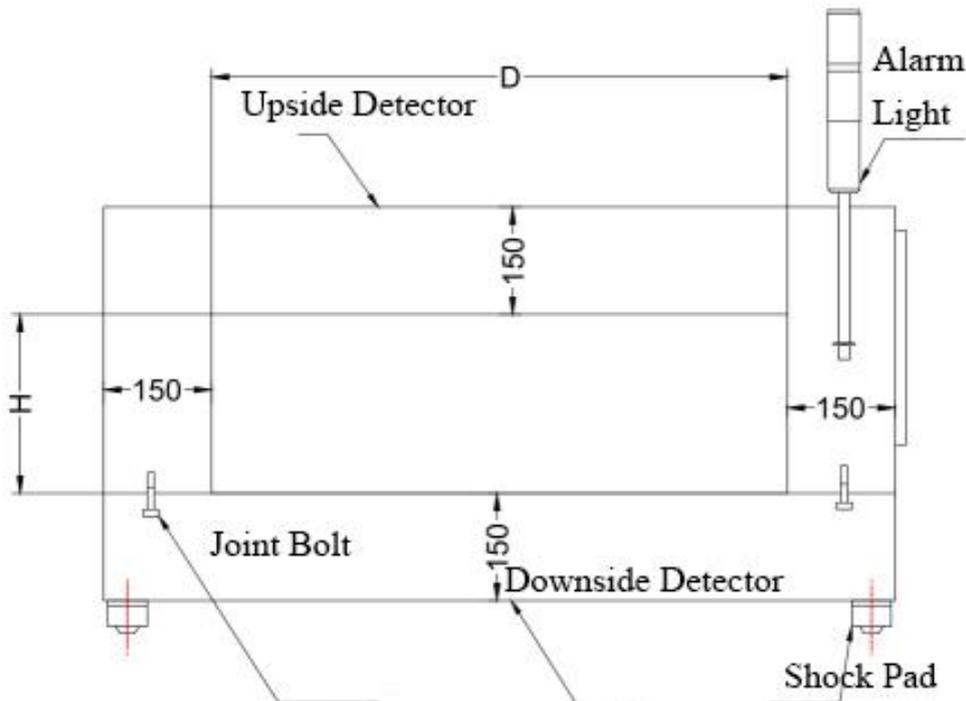
SEC series digital intelligent online metal detector can eliminate signal interference furthest from products themselves (like ore, coal, chemical, renewable resources, waste etc.) and conveyor belt itself by using DSP digital intelligent technology, at the same time, ensuring conveyor and products (like 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°C~50°C; Humidity below90%

3. Size and Sensitivity

Tunnel Width	Tunnel Height	Suitable conveyor width	Passing height	Sensitivity	
1000mm	200mm	800mm	150mm	FeΦ≥3.0mm	SUSΦ≥5.0mm
1000mm	250mm	800mm	200mm	FeΦ≥3.5mm	SUSΦ≥6.0mm
1000mm	300mm	800mm	250mm	FeΦ≥5.0mm	SUSΦ≥7.0mm
1000mm	350mm	600mm	300mm	FeΦ≥5.5mm	SUSΦ≥8.0mm
1000mm	400mm	600mm	350mm	FeΦ≥6.0mm	SUSΦ≥8.5mm
1000mm	450mm	600mm	400mm	FeΦ≥6.5mm	SUSΦ≥9.5mm
1000mm	500mm	600mm	450mm	FeΦ≥7.0mm	SUSΦ≥12.0mm
1200mm	200mm	1000mm	150mm	FeΦ≥3.5mm	SUSΦ≥5.5mm
1200mm	250mm	1000mm	200mm	FeΦ≥4.5mm	SUSΦ≥6.5mm
1200mm	300mm	1000mm	250mm	FeΦ≥5.5mm	SUSΦ≥8.0mm
1200mm	350mm	800mm	300mm	FeΦ≥6.0mm	SUSΦ≥9.0mm
1200mm	400mm	800mm	350mm	FeΦ≥6.5mm	SUSΦ≥10.0mm
1200mm	450mm	800mm	400mm	FeΦ≥7.0mm	SUSΦ≥10.5mm
1200mm	500mm	800mm	450mm	FeΦ≥7.5mm	SUSΦ≥12.0mm
1400mm	200mm	1200mm	150mm	FeΦ≥4.0mm	SUSΦ≥5.5mm
1400mm	250mm	1200mm	200mm	FeΦ≥5.5mm	SUSΦ≥7.5mm
1400mm	300mm	1200mm	250mm	FeΦ≥6.0mm	SUSΦ≥8.0mm
1400mm	350mm	1000mm	300mm	FeΦ≥6.5mm	SUSΦ≥8.5mm
1400mm	400mm	1000mm	350mm	FeΦ≥7.5mm	SUSΦ≥10.0mm
1400mm	450mm	1000mm	400mm	FeΦ≥9.0mm	SUSΦ≥11.5mm
1400mm	500mm	1000mm	450mm	FeΦ≥10.0 mm	SUSΦ≥15.0mm
1600mm	400mm	1200mm	300mm	FeΦ≥7.5mm	SUSΦ≥13.0mm
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≥18.0mm
1600mm	800mm	1200mm	700mm	FeΦ≥11.0mm	SUSΦ≥20.0mm
1600mm	900mm	1200mm	800mm	FeΦ≥12.0mm	SUSΦ≥21.0mm

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.
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Metal Detector, Metal Separator, Check Weigher, X Ray Inspection System

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