



Pharmaceutical Metal Detector

Our metal detector is widely used in the pharmaceutical industry. It is equipped with high-precision metal detection systems, which can accurately identify iron and non-ferrous metal impurities, including tiny metal fragments and fine metal wires. Anxine's pharmaceutical metal detectors help you effectively eliminate metal contamination, ensure product purity and safety, and meet the industry's strict quality requirements.

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Pharmaceutical Metal Detector T68



Worried about hidden metal in your solid-dose line? The T68 can help keep ferrous and non-ferrous particles out of every pill. This metal detector is engineered with high-sensitivity coils that catch metal specks and even fine wires. Its built-in reject gate kicks the contaminated tablet or capsule out without a pause. The result is virtually zero product loss and bullet-proof GMP compliance.

With its high precision and stability, the T68 pharmaceutical metal detector lets you run nonstop, knowing every batch leaves your plant contamination-free. Featuring import-grade electronics, this metal detector machine saves product and trims downtime, favored by nutraceutical startups and large pharma manufacturers.

Features

- ✓ **High Detection Sensitivity:** Built to detect tiny metal shards with adjustable sensitivity.
- ✓ **Smart Auto-Learn Function:** Automatically sets optimal detection parameters for new products.
- ✓ **Flexible Reject Timing:** Can be adjusted from 0.05 to 60 seconds to suit different products.
- ✓ **Adjustable Frame Design:** Adjustable height and detector head angle. Equipped with lockable casters for easy movement.
- ✓ **User-Friendly Interface:** LCD screen with simple control buttons. Stores up to 200 product profiles and logs 1500 events.
- ✓ **Hygienic and Washdown-Safe:** Built to IP65 protection standards for reliable operation.



Technical Parameters

Model	T68
Capacity	460,000 tablets per hour
Max Sensitivity	Detects $\Phi 0.2$ iron balls, $\Phi 0.4$ stainless steel
Waste Rejection Time	Adjustable between 0.05s and 60s
Adjustable Sensitivity:	Yes
Working Voltage	220V/110V AC (+10%, -15%)
Weight	34 kg

Capsule & Tablet Metal Detector SAYP-600



This model is a high-sensitivity metal detector machine for use in the pharmaceutical industry. The SYP-600 is built to spot even the tiniest metal fragment hiding in your tablets or capsules. It detects 100% of the product flow and automatically rejects pills containing foreign objects.

The SYP-600 capsule metal detector is ideal for pairing with capsule fillers or tablet presses or working as a standalone unit. With a sanitary stainless steel build and single-button control, this metal detector is a solid choice for pharmaceutical and nutraceutical start-ups and small-sized businesses.

Features

- ✓ **Compact Stainless Steel Design:** Built with a hygienic stainless steel body, ideal for pharmaceutical production environments.
- ✓ **Tilt Adjustable:** The detection chute can be manually adjusted for angle.



- ✓ **Lockable Casters:** Fitted with four heavy-duty swivel casters for easy locating in your facility.
- ✓ **Quick-Clean Access:** Tool-free design around the product chute allows for fast cleaning and maintenance.
- ✓ **Simple Control Panel:** Equipped with easy-access physical buttons for basic power control.
- ✓ **Rapid Rejection System:** Comes with a reject gate for fast removal of contaminated products from the flow.

Specifications

Model	SAYP600S-50	SAYP600S-80	SAYP600S-100	SAYP600S-120	SAYP600S-150	SAYP600S-200
Inlet Size	Φ50mm	Φ80mm	Φ100mm	Φ120mm	Φ150mm	Φ200mm
Detection accuracy	Fe 0.7mm	Fe 1.0mm	Fe 1.2mm	Fe 1.5mm	Fe 2.0mm	Fe 2.5mm
	NOFe: 1.0mm	NOFe: 1.2mm	NOFe: 1.5mm	NOFe: 2.0mm	NOFe: 2.5mm	NOFe: 3.0mm
	SUS 1.2mm	SUS 1.5mm	SUS 1.8mm	SUS 2.3mm	SUS 3.0mm	SUS 3.5mm
Max production volume	2000L/h	8000L/h	12000L/h	16000L/h	25000L/h	44000L/h
voltage	220/110V AC (+10%,-15%)					
Compressed air	5-8bar					
Net weight of	about 30kg	about 34kg	about 45kg	about 50kg	about 60kg	about 65kg

Digital Metal Detector SAYP-700S



Looking for a reliable metal detector in pharmaceutical industry applications? The SAYP-700S is built to detect and reject even the smallest metal contaminants in tablets and capsules. Whether you're producing vitamins, OTC meds, or prescription pills, this digital metal detector gets the job done—fast, precisely, and without damaging your production flow.

The SAYP-700S features a digital control panel, automatic rejection mechanism, and high detection sensitivity. Use it alongside your tablet compression machine or as a standalone unit. This model is a trusted choice for pharma manufacturers who need performance and GMP-level compliance in one compact system.

Features

- ✓ **Broad Application:** Ideal for spotting metal contaminants in tablets, capsules, and even candies.
- ✓ **High Detection Precision:** Inspects various metallic contaminants.
- ✓ **Advanced Design:** Minimizes signal interference from vibration and external noise sources.
- ✓ **Ultra-High Frequency:** Supports reliable detection of small metal particles in powders, flakes, or moist products.
- ✓ **Quick Setup Adjustments:** Raises or lowers the metal detector head with a single button press.
- ✓ **Robust Rejection System:** Features a stainless steel separation chute with a clear viewing panel.



Specifications

Model	SAYP700S-50	SAYP700S-80	SAYP700S-100	SAYP700S-120	SAYP700S-150	SAYP700S-200
Inlet Size	Φ50mm	Φ80mm	Φ100mm	Φ120mm	Φ150mm	Φ200mm
Detection accuracy (empty machine)	Fe 0.4mm NOFe: 0.5mm SUS 0.7mm	Fe 0.6mm NOFe: 0.8mm SUS 0.9mm	Fe 0.8mm NOFe: 1.0mm SUS 1.2mm	Fe 1.0mm NOFe: 1.2mm SUS 1.5mm	Fe 1.2mm NOFe: 1.35mm SUS 1.6mm	Fe 1.5mm NOFe: 1.7mm SUS 1.8mm
Maximum production volume	2000L/h	8000L/h	12000L/h	16000L/h	25000L/h	44000L/h
Working voltage	220/110VAC(+10%,-15%)					
Compressed air	5-8bar					
Net weight of equipment	about 35kg	about 39kg	about 50kg	about 55kg	about 70kg	about 75kg

Conveyor Metal Detector CSJ-W150/200



This versatile, high-precision metal detector machine is used in various industry settings. It features a sensitive detection tunnel, an inline pneumatic rejection system, and adjustable conveyors to ensure fast, clean removal of all magnetic and non-magnetic metal-contaminated products.

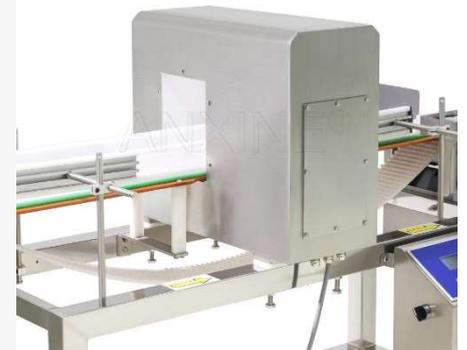
The CSJ-W150/200 is engineered to inspect products in cylindrical packaging, such as bottles and jars. That's why it's equipped with a side-grip conveyor belt to ensure stable and controlled bottle entry into the detection area.

You can effortlessly incorporate this conveyor

metal detector into your existing bottle packaging line. It works well with filling, capping, and labeling machines, keeping everything in sync. Most importantly, it helps meet the toughest quality control expectations.

Features

- ✓ **Side-Grip Conveyor System:** Ensures stable bottle flow enters the detection tunnel without tipping.
- ✓ **Automatic Rejection Unit:** Pneumatic pusher removes defective bottles quickly without stopping production.
- ✓ **Warning Indicator Light:** Red signal light alerts operators immediately when metal contaminants are detected.
- ✓ **Rejection Collection Tray:** Keeps contaminated bottles separated for inspection.
- ✓ **Adjustable Bottle Height:** Hand-crank system allows quick adjustment of side belts and tunnel height to fit various bottle sizes.
- ✓ **User-friendly Control Panel:** Simple interface with basic switches and a digital display.



Specifications

Model	CSJ-W150/200
Channel Diameter	200 x 150 mm
Effective Caliber	120 x 170 mm
Protection Level	IP65
Detection Accuracy	Fe: 0.7mm Non-Fe: 0.8mm SUS: 1.0mm
Power Supply Requirements	Stable voltage, separate wiring to prevent electromagnetic interference, 0.2 kW energy consumption
Weight	120 kg

Conveyor Belt Metal Detector CSJ-990



The CSJ-990 is a reliable metal detector built to handle a wide range of products, whether loose or packaged. It's an intelligent inline inspection system with a high-sensitivity detection tunnel, a conveyor system, and a flap rejection mechanism. This model can spot and remove even the smallest metal contaminants without interrupting your product flow.

Additionally, the CSJ-990's detection tunnel has an integrated touchscreen panel. You can use it to adjust sensitivity levels and store up to 100 items.

This versatile conveyor metal detector comes in a durable stainless steel

construction, with an emergency stop function and real-time detection feedback, making this IP65-rated a powerful addition to any packaging line.



Features

- ✓ **Smart Detection:** Boasts a self-learning system to adapt to different product types.
- ✓ **Fast Rejection System:** Pneumatic flap quickly removes contaminated items.
- ✓ **User-Friendly Operation:** Equipped with a simple control box and an intuitive touchscreen control panel.
- ✓ **Dustproof and Waterproof Design:** IP-rated enclosure ensures safe use.
- ✓ **Sound and Light Alarms:** Immediate signal alerts when metal is detected.
- ✓ **Adjustable Conveyor Speed:** Easily fine-tuned via control knob for different product flows.
- ✓ **Compliance Ready:** Built to meet FDA-GMP-HACCP industry standards.

Specifications

Model	CSJ-990
Sensitivity	Adjustable from 0 to 99
Transfer Speed	5-28 meters/min (adjustable)
Protection Level	IP65
Max Load Capacity (single piece)	25kg
Dimensions	1330×850×950 mm
Weight	Approx. 135 kg



info@anxine.com

0086 137-5776-3288

<https://www.anxine.com>

DaoHang Rd. Wenzhou, Zhejiang, China, 325200

Wenzhou Anxine Machinery Co., Ltd.