Gravity Fall Metal Detector

Metal Detector IMD-I-P Series

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.

Specifications:

Model	IMD-I-P						
Detection Diameter(mm)	Detection Capacity t/h2	Alarm Mode	Pressure Requirements	Power Supply	Main Material	Sensitivity 1 Φd (mm)	
						Fe	SUS
75	3	Automatic Flap Rejecter	0.5Mpa≥	AC220V (Optional)	Stainless Steel (SUS304) optional (SUS316)	0.5	1.2
100	5					0.7	1.5
150	10					0.8	1.5

1. The technical parameter above namely is the result of sensitivity by detecting only the test sample on the belt. The sensitivity would be affected according to the products being detected, working condition and also the different positions the metal mixed with.
2. Detecting capacity per hour is related with product weight, the value of the table is according to the density of water (1000kg /m3).

Additional Features:

- Our metal detectors utilize sophisticated software technology to provide the most advanced metal detection systems on the market, with total inspection flexibility for a wide range of applications and products.
- A large, full-color touch-screen interface with an icon-driven menu provides easy, intuitive operator access. The interface simplifies procedures and provides your whole manufacturing team with valuable process information.
- Auto calibration: The Metal Detector easily and quickly "learns" product features, allowing for compensation for product effect, and leads to much greater sensitivity. Pre-set features intended for dry, wet, salty and meat applications allow for rapid and user-friendly set up of new products.
- Phase tracking allows the Metal Detector to compensate and readjust for product effect, leading to increased sensitivity.
- Outstanding metal detection: Digital noise filters eliminate any undesired signals.
- Multi-channel technology allows for optimum detection of ferrous, nonferrous (e.g., aluminum or copper) and stainless steel contaminants.
- Extreme durability: Our sensor head is designed for long-term reliable and consistent operation in extreme and harsh conditions.
    - Requirements for different sizes by customers can be fulfilled.