

FOOD METAL DETECTOR

With intelligent microcomputer and
Machine learning function.



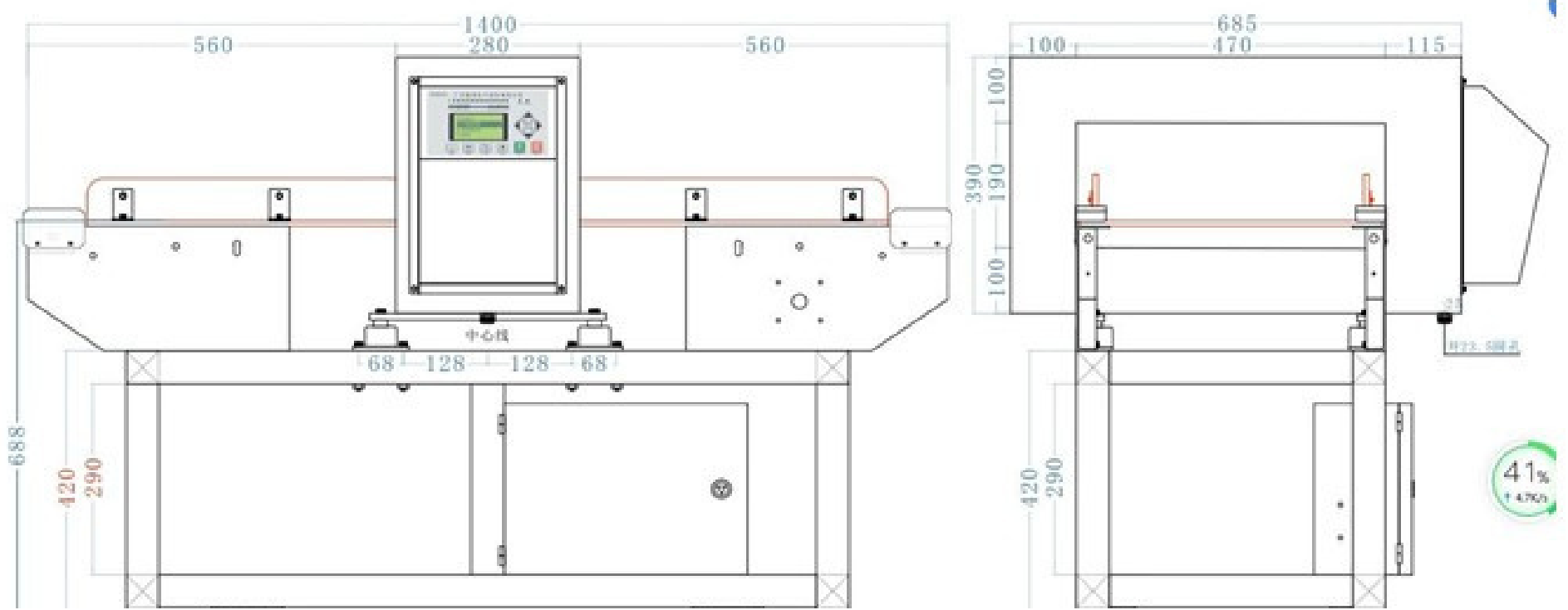


AREA OF APPLICATION

Detection of metallic foreign bodies in various textiles, plastics, toys, food (food additives, seasonings), pharmaceutical products, medical devices, cosmetics, etc., such as iron, copper, aluminum,

Stainless steel and other metal particles, which can be analyzed in bulk, in bags, in bottles or in boxes.

Detection tunnel width (mm)		400 mm (Or customized)							
Detection tunnel height (mm)		100	120	150	200	250	300	350	400
Empty machine detection sensitivity	Fe(Φ mm)	≥ 0.7	≥ 0.8	≥ 1.0	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.0	≥ 3.5
	Non-Fe (Φ mm)	≥ 1.3	≥ 1.5	≥ 1.8	≥ 2.0	≥ 2.5	≥ 3.0	≥ 3.8	≥ 4.5
	304 SUS(Φ mm)	≥ 1.5	≥ 2.0	≥ 2.0	≥ 2.5	≥ 3.0	≥ 3.5	≥ 4.5	≥ 5.0
Alarm method		Automatic shutdown, sound and light alarm. Or add rejector (Pusher ,Flap, Air,Belt drop)							



MACHINE ELEMENTS

No.	Name	Qty
1	Active roller	1
2	Driven roller	1
3	Secondary drum	2
4	Anti-static food grade belt	1
5	Power motor	1
6	Leakage protection switch	1
7	wire	20M
8	Potting glue	2
9	Circuit chip	16
10	Probe	1
11	frame	1
12	Switch/Power	1
13	Display screen	1

CHARACTERISTICS

- The middle part is carefully developed with leading digital technology. The inside of the detection coil is formed by the encapsulation method. It has characteristics of high detection accuracy, stable performance, and strong resistance to external interference.
- It has a product detection data storage function, can store about 100 kinds of product data, a wide range of applications.
- It uses intelligent recognition technology, with self-learning and memory functions, it can automatically recognize and remember the characteristics of the product.
- Simple and friendly operation interface, using the LCD screen, you can quickly and easily adjust the parameters.
- Easy maintenance
- Shockproof and waterproof design according to the international certification IP-66/IP-65, Anti-vibration and noise absorption.
- It can adapt to difficult work environments.
Various sizes of customized machines



PACKAGING