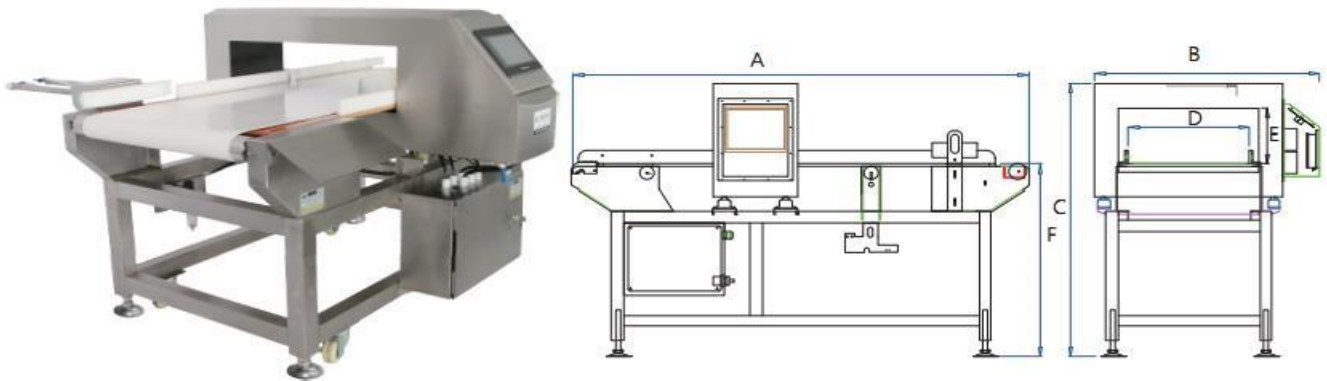


## HY-SA-990-II Series



### Product features and advantages:

- 1: Easy to make a good operation interface, using a conversational touch screen display, quick and easy to set the reference through a simple key interface: can detect a variety of products containing different product signals (characteristics), one set can guarantee Extremely high detection level, no need to readjust, set the program.
- 2: Using the new touch screen input and large-scale thermal circuit, the CPU completes the analog signal collection and replaces it with digital processing, output, and automatically collects the best point of the detected metal content, greatly improving the sensitivity of the detection and Reliability, sensitivity, belt delay, metal rejection time, transmit power, and wide time can be directly input and adjusted.
- 3: Work data display function, display parameter setting and working data; large peak digital display of peak-to-peak voltage at the receiving end, which is convenient for balance adjustment of gold detector.
- 4: It can be produced by multiple frequencies according to product characteristics, and has product detection data storage function, which can store more than 100 kinds of product inspection data, and has wide application range.
- 5: Metal detection record database management function; metal detector parameter setting and viewing, download its detection history record can be exported through U disk.
- 6: User permission settings: factory setting permissions, engineer usage rights, operator usage rights.

7: The metal detector conveying speed can directly modify the transmission speed of the inverter directly in the operation solution interface, and the speed adjustment is convenient and quick.

8: The metal detector software screen is equipped with a display interface, and the device malfunctions through the screen for visual display, and the maintenance is convenient.

9: With product quantity statistics function, bad product quantity statistics function, clock perpetual calendar function; operation log can be traced.

10: Shockproof and waterproof design, dustproof and waterproof function conforms to IP-67 international certification, anti-vibration and noise absorption, can adapt to harsh working environment

11: Maximum brand protection, support compliance with GFS1 standards and FSMA regulations, reduce false rejection and reduce product waste, improve production efficiency.

### **Application:**

Food, pharmaceuticals, chemicals, rubber and plastics, aquatic products, toys, clothing, electricity, leather, knitting, printing, etc. The detection of products or raw materials in the production process, such as: iron, non-magnetic metal items ( Gold, eye, system, according to non-ferrous metals such as stainless steel can be detected), improve product safety factor and reduce hazards.

### Parameter:

HY-SA-990-II Series	3008	3012	4008	4010	4012	4015	4020	4025	
Through width (MM)	300	300	400	400	400	400	400	400	
Passing height (MM)	80	120	80	100	120	150	200	250	
Belt width (MM)	270	270	370	370	370	370	370	370	
standard Detection Sensitivity	FE(ΦMM)	0.6	0.7	0.6	0.6	0.7	0.8	1.0	1.2
	NON-FE(Φ)	0.8	1.0	0.8	1.0	1.0	1.2	1.5	1.8
	SUS304(Φ MM)	1.0	1.2	1.0	1.2	1.2	1.5	2.0	2.5
Conveyor length (MM)	1200	1200	1500	1500	1500	1500	1500	1600	
Belt height from ground (MM)	750±50								
Protection level	IP67								
Number of memory	100kind								
Display method	LED LCD (or touch screen customization)								
Operation method	Touch button input (touch optional)								
Conveyor belt material	Food grade PVC belt (PU belt)								
Alarm mode	Alarm stop, buzzer alarm or reject mechanism optional								
Belt speed	28M\MIN constant (adjustable customizable frequency control)								
Machine material	Carbon steel paint or stainless steel 304, fit for HACCP.GMP.CAS								
Machine weight	About 280KG								
motor	Taiwan high-power motor can transport weight 1-15KG								
power supply	AC220V±10% 50-60HZ (customized AC110V or 380V) other optional								
Use environment	Temperature: -18 ~ 50 ° C, relative temperature: 30 ~ 90 ° C								
<p>Remark: 01 probe detection window, the size of the whole machine can be customized according to customer needs. The higher the height of the detection window, the lower the detection sensitivity, and the wider the detection window, the lower the detection sensitivity.</p> <p>02 Detection sensitivity is the detection sensitivity obtained by placing the test card in the center of the conveyor belt through the detection channel. The actual detection sensitivity will vary depending on the product being tested or the conditions of use.</p>									