

## Metal detection equipment

### *AMD-C Series*



### *Application:*

AMD-C Series digital intelligent conveyor belt metal detector can be used in food, pharmaceutical, chemical, textile, garment, toy paper-making, hygienic products, electronics, renewable resources industry etc, applying to detect broken needles, iron wires, metals (such as Plumbum; Copper; Aluminum; Stannum; SUS etc.) that mixed or left with products, raw materials. Using metal detector can help relative corporations pass HACCP, GMP, FDA, QS, ISO9001 certificate.

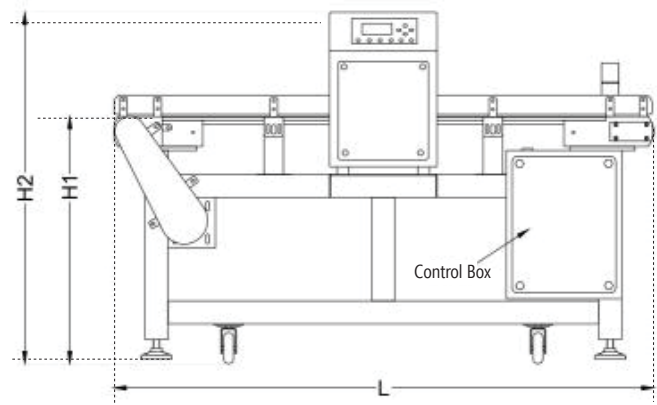
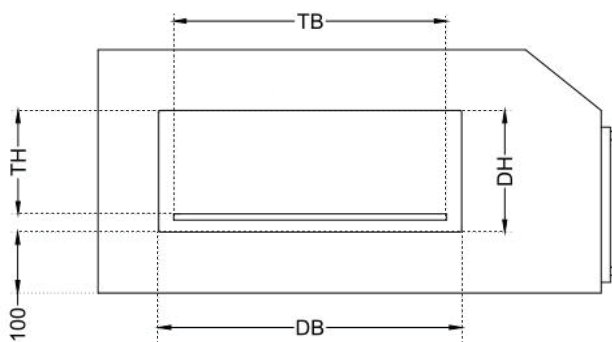
### *Product Features:*

- Operating system adopts highly human-oriented and intelligent design and has the function of one-bottom self-learning. The machine can set and store product parameters automatically and precisely when the products to be detected passing metal detector according to set procedure, no need to adjust by human and is easy to operate.
- Detector is made of unique materials and manufacturing techniques, possessing high sensitivity, strong ability for anti-interference, stable performances.
- Having memory function for 100 kinds of products parameters; that is, metal detector can store 100 kinds of products parameters, and once the products parameters are set, no need to adjust again.
- Metal detector can automatically detect faults when booting and has the function of prompt, which can effectively eliminate invalid detection.
- The whole machine adopts modular design and installation, which benefits for assembly and disassembly, having advantages of convenient maintenance and low cost for maintenance.
- Customization can be provided according to detecting products' sizes, weight and characteristics in order to achieve best detection results.
- The automatic conveying system, reject system and control system can be customized according to production line 's features, which can enhance production efficiency.
- Customization for waterproof, dust-proof and explosion-proof needs can be provided according to the environment of production line in order to protect usage safety.

## TECHNICAL DATASHEET

### Structure:

DB: Width of detector      H1: Height from conveyor belt to the ground  
 DH: Height of detector      H2: Height of whole machine  
 TB: Passing width      L: Length of conveyor belt  
 TH: Passing height      W: Width of whole machine



### Specification :

Model	Size of whole machine (mm)				Size of detector (mm)				sensitivity		Max Weight (kg)	Speed (m/s)	Power supply	Working Environment
	H1	H2	L	W	DB	TB	DH	TH	Fe (mm)	SUS (mm)				
3008	700	850	1200	650	300	250	80	50	0.5	1.0	0-25kg ( can be customized)	0.25-0.6	AC220V ±10% 50-60Hz	-20℃~ 50℃ Humidity below 90%
3010	700	870	1200	650	300	250	100	70	0.6	1.2				
3012	700	890	1200	650	300	250	120	90	0.7	1.4				
3015	700	920	1200	650	300	250	150	120	0.8	1.5				
4510	700	900	1400	750	450	400	100	70	0.6	1.3				
4512	700	920	1400	750	450	400	120	90	0.7	1.4				
4515	700	950	1400	750	450	400	150	120	0.8	1.5				
5010	700	900	1500	850	500	450	100	70	0.6	1.3				
5012	700	920	1500	850	500	450	120	90	0.8	1.4				
5015	700	950	1500	850	500	450	150	120	1.0	1.5				
5020	700	1000	1600	850	500	450	200	170	1.2	2.0				
5025	700	1050	1600	850	500	450	250	220	1.5	2.5				
5030	700	1100	1600	850	500	450	300	270	2.0	3.0				
6030	400	800	1800	950	600	550	300	270	2.5	3.5	25-200kg ( can be customized)	0.25- 0.6	AC380V ±10%, 50-60Hz	0-40℃ Humidity below 80%
6035	400	850	1800	950	600	550	350	320	3.0	4.0				
6040	400	900	2000	950	600	550	400	370	3.5	4.5				
6050	400	950	2000	950	600	550	500	470	4.0	5.5				

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FASTTECH INNOVATION CO.,LTD.

93/141 Moo.1 Tambon Banmai , Amphoe Pak kret , Nonthaburi 11120  
 Tel. 096-8803223