联强集团
UP GROUP

Inline Inspection Equipment

Shanghai UPG International Industry&Trade Group Co., Ltd.

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SHANGHAI UPG INTERNATIONAL
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2024-连线检测设备-V1

Website

WeChat

A Series Checkweigher



High-speed and high-precision models with a dynamic accuracy of up to +0.1g and a weighing speed of up to300 times per minute.

150/220/300/360mm of belt width options, and the range is 200g,1kg,4kg.

With 232 weight and pulse feedback, supports label printing and filling screw adjustment.

Specifications

Model	150(220)-D20	220(300)-D28	300(360)-D32
Weighing Range	2~200	2~1000	2~3000
Minimum Scale	0.01	0.1	0.1
Best Accuracy	±0.1	±0.2	±0.3
Max Throughput	300	200	150
Parameter Setting	By intelligent product learning		
Weight Belt Width	150	220	220
Weight Belt Length	350/450/550	350/450/550	350/450/550
Belt Height	700-820/780-900 or Customized		
Alarm Mode	Aural and visual		
Rejection Option	Air Jet, Pusher,Flipper, Flap Down, Down Belt		

S Series Checkweigher

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High-speed and high-precision models with a dynamic accuracy of up to t0 1g and a weighing speedof up to 250 times per minute.

150/220/300/360mm of belt width options, and the range is 200/1kg/4kg/10kg.

With 232 weight and pulse feedback, supports label printing and filling screw adjustment.



Specifications

Model	150(220)-D20	220(300)-D28	300(360)-D32	360(450)-D40
Weighing Range	1~200	2~1000	2~3000	3~8000
Minimum Scale	0.01	0.1	0.1	0.1
Best Accuracy	±0.1	±0.3	±0.5	±3
Max Throughput	250	150	100	60
Parameter Setting	By intelligent product learning			
Weight Belt Width	150	220	300	360
Weight Belt Length	250/350/450	350/450/550	350/450/550	550/700
Belt Height	700-820/780-900 or Customized			
Alarm Mode	Aural and visual			
Rejection Option	Air Jet, Pusher, Flipper, Flap Down, Down Belt			

Combo Metal Detector & Checkweigher





Featuring world-class supplier accessories, metal detector heads based on hard fill technology and high performance weight detectors are supported with auto settings via intelligent algorithms to achieve excellent accuracy and easy operation.

The metal detector and checkweigher parameters configured in the same product parameterization, and operate in the same interface, reducing the incidence of erroneous operation with a unified intelligent learning algorithm and parameter settings to achieve the metal detector and check weigher in one machine only.

Unified touch screen operation and control, stable simple and reliable.

Specifications

Model	150(200)-D20	220(300)-D28	300(360)-D32	500	600
Weighing Range	2~300	2~1000	5~4000	0.02~50kg	0.05~100kg
Minimum Scale	0.01	0.1	0.1	1	1
Best Accuracy	±0.1	±0.3	±0.5	5	10
Max Throughput	250	150	100	60	40
Sensitivity With Air Test	According to the type of Metal Detector				
Weight Belt Width	150(200)	220(300)	300(360)	500	600
Weiaht Belt Length	200/250/300	350/450/550	450/550/700	6800/1300	1300
Parameter Setting	By intelligent product learning				
Belt Height	700-820/780-900 or Customized				
Alarm Mode	Aural and visual				
Rejection Option	Air Jet,Pusher,Flipper,Flap Down, Down Belt				

X-ray Inspection System



Based on intelligent foreign object recognition algorithms with excellent software self-learning and detection accuracy

Detect foreign objects such as metal, glass, stone bone, high density rubber and plastic.

Stable conveying mechanism to improve detection accuracy; flexible conveying design for easy integration with existing production lines

A wide range of models are available, such as AI algorithms, multi-channel algorithms, wide-models heavy duty models, etc.to improve performance and reduce production costs at site

Specifications

Model	3012	4016	5025	6016	6030	8035
Detector Width (mm)	300	400	500	600	600	800
Detection Height (mm)	120	160	250	160	300	350
SUS Ball (mm)	0.3	0.3	0.3	0.3	0.3	0.3
SUS Wire (mm)	0.2×2	0.2×2	0.2×2	0.2×2	0.3×2	0.3×2
Ceramic & Glass (mm)	0.8	0.8	1	0.8	1	1
Parameter Setting	By intelligent product learning					
Conveyor Width (mm)	300	400	500	600	600	800
Conveyor Length (mm)	1200	1300	1500	1500	1500	1500
Max. Weight on Belt (kg)	10	15	50	25	100	100
Belt Height (mm)	800+50 or Customized					

Specific Gravity Sorting Machine



It is designed with high-sensitivity aerodynamic detection and separation technology for the characteristics of specific gravity and debris impurities.

It can remove plastic film, fiber, gravel and paper scraps grass leaves and other light dust, etc. mixed in the products.

Complete the sorting and removal of various forms of materials, with a visible process and convenient control

Self equipped filter for purification and environmental protection, optional dust cyclone separator.

Equipped with a vibration feeding and conveying system, and an auxiliary air conveying system to promote the discharge of debris.

Specifications

Model	600	1200
Throughput	1200	2500
Effective Detecting Size	70~110	70~110
Width of Conveyor	600	1200
Clean Separation of Waste	Auto	
Dust Handling Devices	According to the type of Metal Detector	
Equipment Noise	≤55	≤55
Filter Efficiency	≥99%	≥99%

Hair Sorting Machine



With core invention patent. Target at the characteristics of hair and debris impurities, double group 18 high stability electric field areas design has excellent separation performance.

Separating hair, fibre, paper dust and fine particles in bulk materials such as fruits and vegetables, seaweed edible mushrooms, tea leaves, herbs, nuts, etc

Touch screen user interface for easy operation according to material management parameters.

Auxiliary wind feed system is available as an option, both conveying and adsorption devices can be regulated

Self-contained sub-filters for purification and environmental protection and dust cyclone separators are available, which are hygienic and clean.

Customized models equipment can remove sticky and easy-to-adhesive dander and foreign matter on the surface of the material is oily or sugary.

All stainless steel frame and conveying device integrated high strength magnetic bar separator.

Specifications

Model	600	1200
Throughput	1200	2500
Effective Detecting Size	70~110	70~110
Width of Conveyor	600	1200
Clean Separation of Waste	Auto	
Dust Handling Devices	According to the type of Metal Detector	
Equipment Noise	≤55	≤55
Filter Efficiency	≥99%	≥99%