

Checkweigher System

Suitable for weight checking for packaged products, to ensure quality standards.



Alarm light



Green button



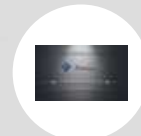
Load cell



Motor



Panasonic inverter



Touch screen



Photo tube

Checkweigher IXL Series

Suitable for weight checking for packaged products, to ensure quality standards.

- High speed, high sensitivity, high stability dynamic weight checking
- Easy to clean, simple to disassemble



User-friendly Function

- Multi language
- Data storage
- Large memory capacity



High Configuration

- Touch screen
- USB port, Ethernet function
- Real time monitoring on PC



Brief User Parameter Setting





Checkweigher for Small Package

Model	IXL-160	IXL-230S	IXL-230L	IXL-300	IXL-400
Detecting Range	10~600g	20~2000g	20~2000g	20~5000g	0.2~10kg
Scale Interval	0.05g	0.1g	0.1g	0.2g	1g
Accuracy (3 σ)	$\pm 0.1g$	$\pm 0.2g$	$\pm 0.2g$	$\pm 0.5g$	$\pm 1g$
Max Speed	250pcs/min	200pcs/min	155pcs/min	140pcs/min	105pcs/min
Belt Speed	70m/min	70m/min	70m/min	70m/min	70m/min
Weighed Product Size	Width	220mm	220mm	290mm	390mm
	Length	200mm	250mm	350mm	500mm
Weigher Platform Size	Width	160mm	230mm	230mm	400mm
	Length	280mm	350mm	450mm	650mm
Operation Screen	7" touch screen				
Product Storage Quantity	100 kinds				
Segments Number	3				
Rejecter Mode	Rejecter optional				
Power Supply	220V (Optional)				
IP Rate	IP30/IP54/IP66				
Main Material	Stainless steel (SUS304)				

Note:

1. The technical parameter above namely is the result of accuracy by checking only the test sample on the belt. The accuracy would be affected according to the detecting speed and product weight.
2. The detecting speed above will be affected according to the product size to be checked.
3. Requirements for different sizes by customers can be fulfilled.

Checkweigher for Large Package



Model	IXL-500	IXL-600
Detecting Range	0.5-25kg	1-50kg
Scale Interval	1g	5g
Accuracy (3 σ)	$\pm 2g$	$\pm 5g$
Max Speed	75pcs/min	50pcs/min
Belt Speed	60m/min	60m/min
Weighed Product Size	Width	590mm
	Length	1000mm
Weigher Platform Size	Width	600mm
	Length	1200mm
Operation Screen	7" touch screen	
Product Storage Quantity	100 kinds	
Segments Number	1	
Rejecter Mode	Rejecter optional	
Power Supply	220V (Optional)	
IP Rate	IP30/IP54	
Main Material	Carbon Steel, SUS 304, Aluminum Alloy (Full SUS 304 Option)	

Note:

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2. The detecting speed above will be affected according to the product size to be checked.
3. Requirements for different sizes by customers can be fulfilled.

High-speed Checkweigher

- High speed. The Max.speed can reach 90m/min
- It can ensure good accuracy with high speed



Model	IXL-H-160	IXL-H-230S	IXL-H-230L	IXL-H-300
Detecting Range	10~600g	20~2000g	20~2000g	20~5000g
Accuracy (3σ)	±0.1g	±0.2g	±0.2g	±0.5g
Max Speed	250pcs/min	200pcs/min	155pcs/min	140pcs/min
Belt Speed	70m/min			
Weighed Product Size	Width	220mm	220mm	290mm
	Length	200mm	250mm	350mm
Weigher Platform Size	Width	160mm	230mm	300mm
	Length	280mm	350mm	500mm
Operation Screen	10" touch screen			
Product Storage Quantity	100 kinds			
Segments Number	3			
Rejecter Mode	Rejecter optional			
Power Supply	220V (Optional)			
IP Rate	IP30/IP54/IP66			
Body Material	Stainless steel (SUS304)			

Note:

1. The technical parameter above namely is the result of accuracy by checking only the test sample on the belt. The accuracy would be affected according to the detecting speed and product weight.
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Combo Metal Detector and Checkweigher

Widely used in workshop with compact space.

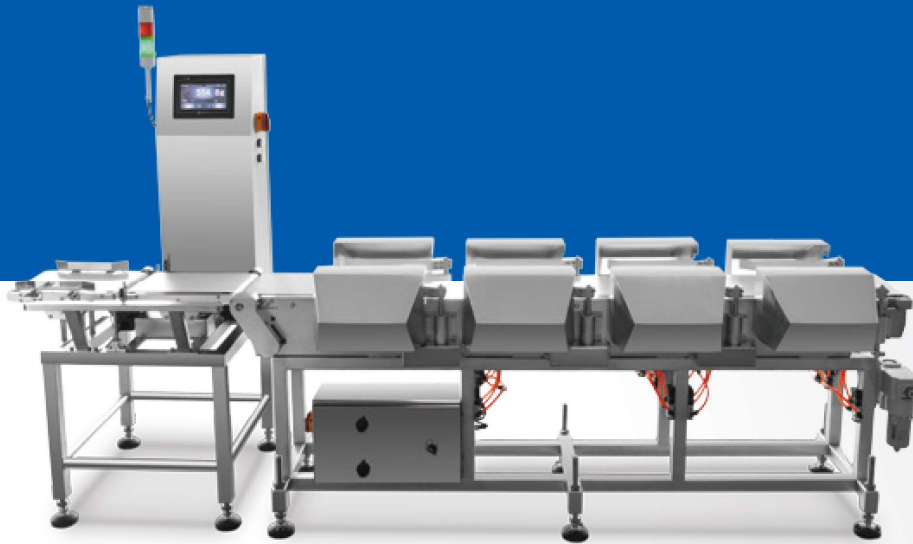


- Compact design, saving space and installation cost
- Metal detector and checkweigher is perfectly connected in one frame, to install the machine in workshop conveniently and effectively

Model		IMC-230L	IMC-300
Detecting Range		20~2000g	20~5000g
Scale Interval		0.1g	0.2g
Accuracy (3σ)		±0.2g	±0.5g
Detecting Speed (Max Speed)		155pcs/min	140pcs/min
Maximum Belt Speed		70m/min	70m/min
Weighed Product Size	Width	220mm	290mm
	Length	350mm	400mm
	Height	70mm, 110mm, 140mm, 170mm	
Weigher Platform Size	Width	230mm	300mm
	Length	450mm	500mm
	Height	80mm, 120mm, 150mm, 180mm	
Sensitivity	Fe	Φ0.5mm, Φ0.7mm, Φ0.7mm, Φ0.7mm,	
	SUS	Φ1.2mm, Φ1.5mm, Φ1.5mm, Φ2.0mm	
Product Storage Quantity		100 kinds	
Segments Number		3	
Rejecter		Rejecter optional	
Power Supply		AC220V (Optional)	
IP Rate		IP30/IP54/IP66	
Main Material		Stainless steel (SUS304)	

Note:

1. The technical parameter above namely is the result of accuracy by checking only the test sample on the belt. The accuracy would be affected according to the detecting speed and product weight.
2. The detecting speed above will be affected according to the product size to be checked.
3. Requirements for different sizes by customers can be fulfilled.



Multi-sorting Checkweigher

Widely used in seafood, poultry, aquatic products, frozen products, etc.

- Replacing labor sorting, saving cost, improving efficiency and optimizing the production process
- Accurate rejector systems with multi-weight zones
- Various fast rejector systems, to satisfy rejecting unqualified products with different speed
- 9 standard weight sorting zones, 12 weight sorting zones is available

Model		IXL-SG-160	IXL-SG-230S	IXL-SG-230L	IXL-SG-300
Detecting Range		10~600g	20~2000g	20~2000g	20~5000g
Scale Interval		0.05g	0.1g	0.1g	0.2g
Accuracy (3 σ)		0.4g	0.8g	0.8g	1.5g
Detecting Speed (Max Speed)		200pcs/min	160pcs/min	130pcs/min	110pcs/min
Maximum Belt Speed		60m/min	60m/min	60m/min	60m/min
Weighed Product Size	Width	150mm	220mm	220mm	290mm
	Length	200mm	250mm	350mm	400mm
Weigher Platform Size	Width	160mm	230mm	230mm	300mm
	Length	280mm	350mm	450mm	500mm
Operation Screen		7" touch screen			
Product Storage Quantity		100 kinds			
Maximum Weight Range		12 levels			
Rejecter		Air Jet, Flipper, Pusher			
Power Supply		AC220V (Optional)			
IP Rate		IP30/IP54/IP66			
Main Material		Stainless steel (SUS304)			

Note:

1. The technical parameter above namely is the result of accuracy by checking only the test sample on the belt. The accuracy would be affected according to the detecting speed and product weight.
2. The detecting speed above will be affected according to the product size to be checked.
3. Requirements for different sizes by customers can be fulfilled.



Multi-tray Weight Sorting Machine

The dynamic weight sorting equipment is a device which sorts the products automatically with a high speed and a high accuracy according to their weights ranged by the user's requirements. Cumulative weight and quantity are optional functions.

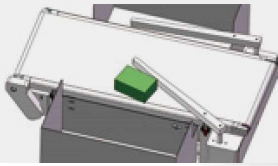


Specification	IXL-GWS-S-8R	IXL-GWS-S-16R	IXL-GWM-S-8R	IXL-GWM-S-16R	IXL-GWL-S-8R	IXL-GWL-S-16R
Range	Up to 8	Up to 16	Up to 8	Up to 16	Up to 8	Up to 16
Accuracy	±1%				±2%	
Maximum Speed	300 pcs per minute		280 pcs per minute		200 pcs per minute	
Detecting Range	2g~500g		4g~500g		5g~1,000g	
Power Consumption	400W				450W	
Machine Size	Length	4,200mm		5,000mm		5,200mm
	Width	700mm		500mm		500mm
	Height	1,500mm		1,500mm		1,500mm
Operation Height			800mm~950mm			
Machine weight	350kg		400kg		450kg	
IP Rate	IP66					
Suitable Products	Wing, thigh, sea cucumber, abalone, shrimp, fish, etc.		Thigh, breast, fruit, melon, etc.		Large chunk of meat, fish, etc.	
Scale Quantity	1 scale platform					
Tray sizes	170mm, 190mm, 220mm		195mm		300mm	
Main Material	Stainless steel (SUS304) & food grade resin					

Note:

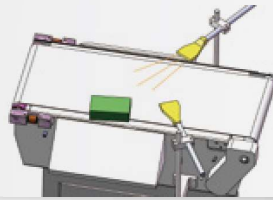
The weighing accuracies are variables which are depended on the product characters, shapes, masses, sizes and the detecting speeds.

Rejecter Series



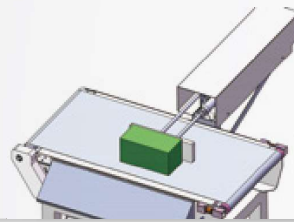
Flipper Type

To reject the products detected to different directions by 1~2 arm levers, which is suitable for the boxed, bag products.



Air Jet Type

To reject the products detected by using the blowing air, which is suitable for the high-speed sorting of the small and light weight products.



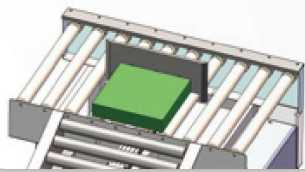
Push Type

To reject the products detected by pushing lever, which is suitable for small and large packing products.



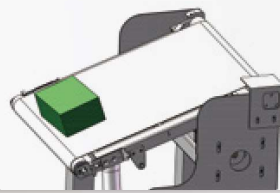
Pneumatic Retracting Band Type

To reject the products by two active baffles, which is suitable for the small packed and non-packed products.



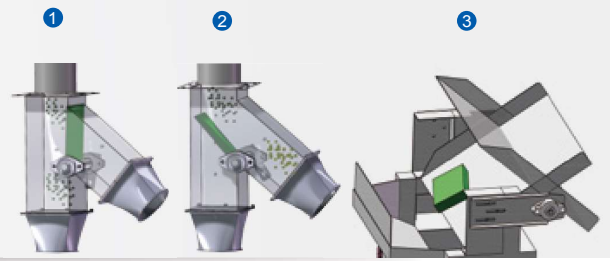
Heavy Push Rejecter

To reject products by pushing lever, especially suitable for the product with big size and heavy weight.



Drop Out Rejecter

To reject the products detected by partial belt flap, which is suitable with packed and non-packed products.



Flap Rejecter

To reject the products detected by the active flap, which is suitable for the dry products in bulk.