

# Checkweigher System

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



Alarm light



Green button



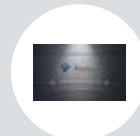
Load cell



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 languages
- 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	5~600g	20~2000g	20~2000g	20~5000g	0.2~10kg	
Scale Interval	0.05g	0.1g	0.1g	0.2g	1g	
Accuracy (3 $\sigma$ )	$\pm 0.1g$	$\pm 0.2g$	$\pm 0.2g$	$\pm 0.5g$	$\pm 1g$	
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	150mm	220mm	220mm	290mm	390mm
	Length	200mm	250mm	350mm	400mm	500mm
Weigher Platform Size	Width	160mm	230mm	230mm	300mm	400mm
	Length	280mm	350mm	450mm	500mm	650mm
Operation Screen	7" touch screen					
Product Storage Quantity	100 kinds					
Segments Number	3					
Rejecter Mode	Rejecter optional					
Power Supply	220V (Optional)					
IP Rate	IP54/IP66					
Main Material	Mirror polished/Sand blasted					

**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 $\sigma$ )	$\pm 2g$		$\pm 5g$	
Max Speed	75pcs/min		50pcs/min	
Belt Speed	60m/min		60m/min	
Weighed Product Size	Width	490mm	590mm	
	Length	700mm	1000mm	
Weigher Platform Size	Width	500mm	600mm	
	Length	800mm	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	Mirror polished/Sand blasted			

**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.



# 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 (3 $\sigma$ )		$\pm 0.1g$	$\pm 0.2g$	$\pm 0.2g$	$\pm 0.5g$
Max Speed		400pcs/min	300pcs/min	250pcs/min	200pcs/min
Belt Speed		115m/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			
Segments Number		3			
Rejecter Mode		Rejecter optional			
Power Supply		220V (Optional)			
IP Rate		IP54/IP66			
Body Material		Mirror polished/Sand blasted			

**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.

# Combo Metal Detector and Checkweigher

Widely used in workshop with compact space.

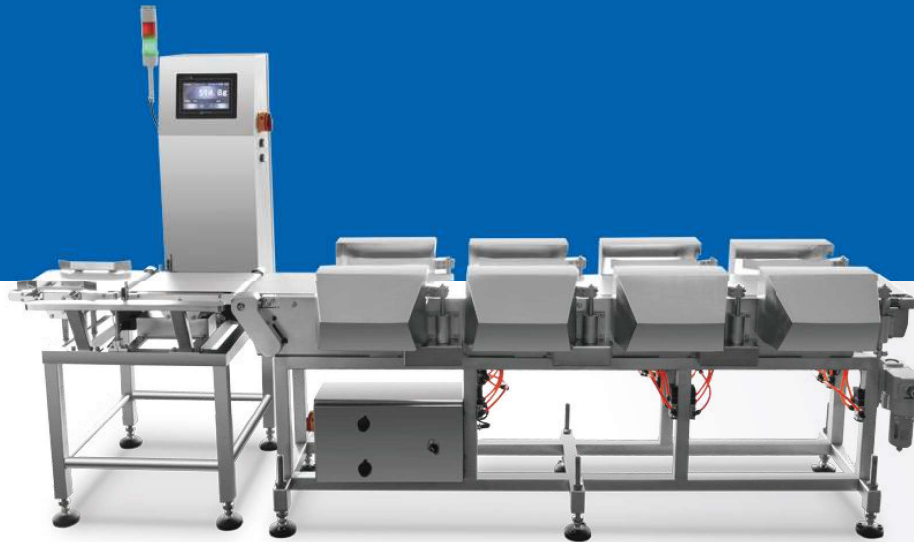


- Compact design, saving space and installation cost
- Metal detector and checkweigher is perfectly connected in one frame, to install the machine in workshop conveniently and effectively

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	IP54/IP66			
Main Material	Mirror polished/Sand blasted			

**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 $\sigma$ )		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		IP54/IP66			
Main Material		Mirror polished/Sand blasted			

**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.



Model	IXL-GWS-S-8R	IXL-GWS-S-16R	IXL-GWM-S-8R	IXL-GWM-S-16R	IXL-GWL-S-8R	IXL-GWL-S-12R
Weight Range (Note 1)	≤8	≤16	≤8	≤16	≤8	≤16
Accuracy (Note 2)	±0.5g		±1g		±2g	
Maximum Speed	≤300PPM		≤280PPM		≤260PPM	
Detecting Range	2~500g				2~3000g	
Power Consumption	AC220V, 0.75KW					
Main Material	Stainless steel (SUS304) & food grade resin					
Machine Size	L	3800mm	4200mm		4500mm	
	W	800mm	800mm		800mm	
	H	1500mm	1500mm		1500mm	
Operation Height	800mm~950mm (can be customized)					
Machine weight	280kg	350kg	290kg	360kg	350kg	45kg
IP Rate	IP66					
Suitable Products	Wing, thigh, leg meat, sea cucumber, abalone, shrimp, fish, etc.		Thigh, breast, upper leg meat, melon and fruit, etc.		Large chunk of meat, fish, etc.	
Scale Quantity	1 scale platform					
Tray sizes	L	170mm, 190mm, 220mm		260mm		300mm
	W	95mm		130mm		150mm

**Note :**

- 1: Other weight ranges can be customized (but can't over the max weight range);
- 2: The Weighing accuracies are variables, which are depended on the product characters, shape, quality, detecting speed and size.