

# ChexGo Series

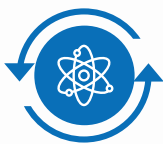
Dynamic Checkweigher



# Weasy -- Weighing Easy



Designed for dynamic weighing application



30+years R&D experience in weighing control

**ChexGo Series** checkweigher with the feature of high speed, accuracy and stable performance can work well in the harsh industrial environment. Assuring the 100% product weighing detection under the law and regulation, it will reduce the customer complains and protect enterprise fame. Whilst replacing the manpower to lower the cost, ChexGo can help you to increase efficiency of the production line and avoid risks.



Easy operation



Accurate weighing



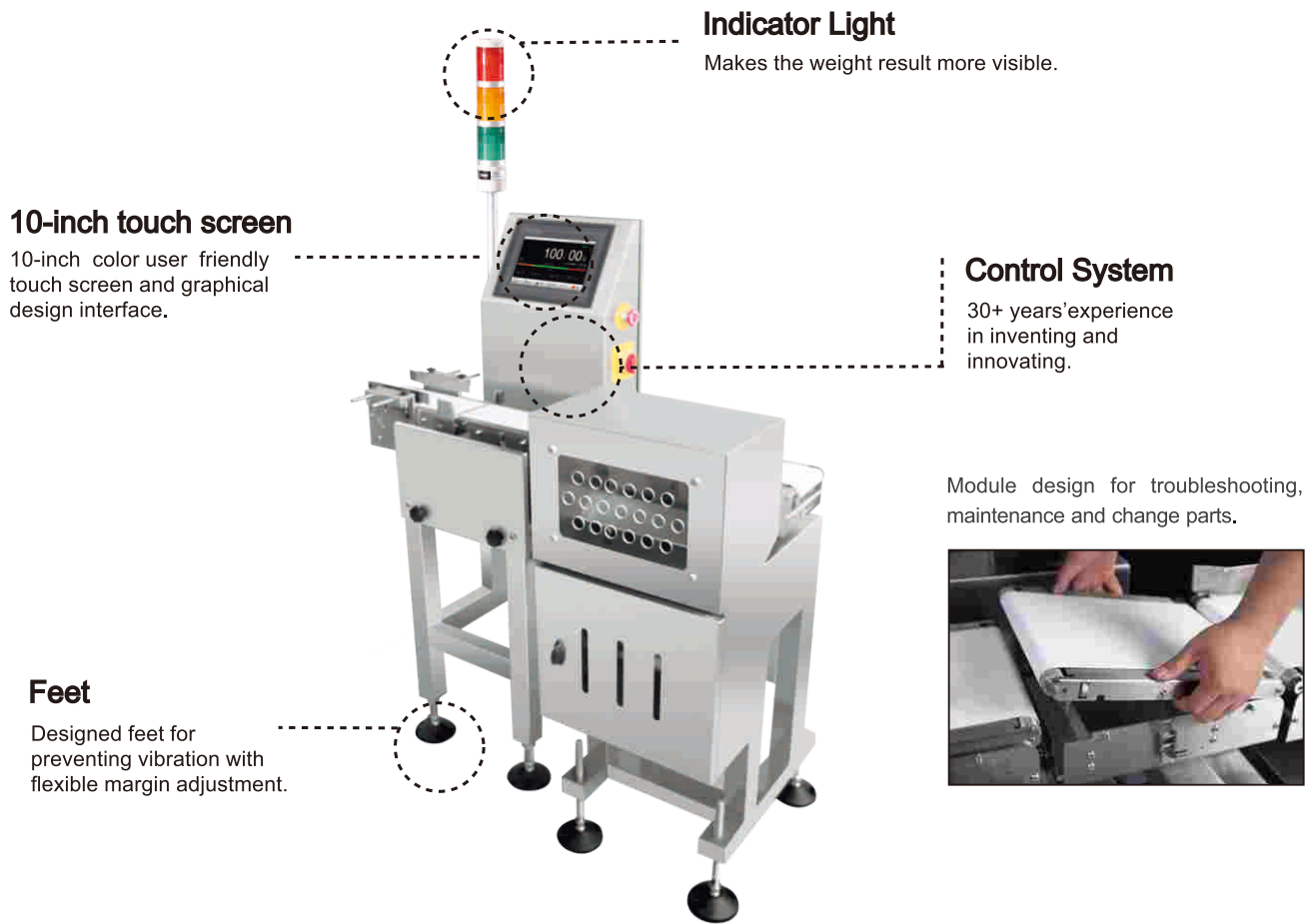
Abundant function



Stable and reliable



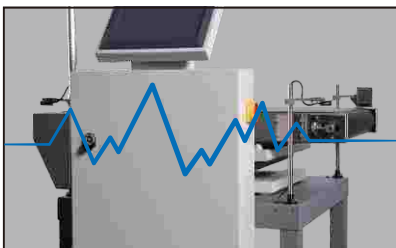
## Stable, flexible and accurate design



## High efficient and better performance

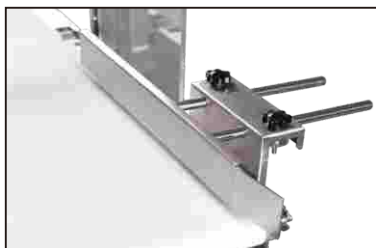
### Anti-interference design

Professional circuit design, the weighing control box is passed EMC test, which can resist the power and electromagnet interference and maintain the stable operating.



### Adjustable material orientation guider

- Ensure the object stable moving;
- Decrease the vibration;
- S304 Stainless steel.



### Anti-corrosion paint protection

All control panel is protected by anti-corrosion paint, which is moisture proof, dust proof, insulation and anti-vibration.



## Abundant function, easy integration

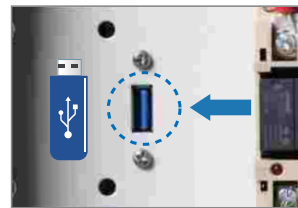
- Standard Modbus TCP/IP, RS485 communication
- Support connecting to labeling machine, ink-jet printer
- Support connecting to printer to print weighing data records.



DATE:	2020.6.18	Up separate line
TIME:	15:31	Print date
PRODUCT CODE:	1	Print time
TARE WT:	0.000kg	Product code
UP LIM:	0.030kg	Tare value
REF WT:	8.135kg	Overweight value
LOW LIM:	0.030kg	Target weight
PASS CT:	1	Underweight value
PASS WT:	8.140kg	Total pass time
PASS AVR:	8.140kg	Total pass weight
PASS RATE:	100.00%	Average pass weight
OVER CT:	0	Pass rate
OVER WT:	0.000kg	Total overweight time
UNDER CT:	0	Total overweight value
UNDER WT:	0.000kg	Total underweight time
TOTAL CT:	1	Total underweight value
TOTAL WT:	8.140kg	Total test time
MIN WT:	8.140kg	Total test weight
MAX WT:	8.140kg	Minimum weight
		Maximum weight
		Down separate line

### Printing Function

When communication is set as print and checkweigher is connected to the printer, the weighing data records can be printed on the interface of statistic result or by sending the print order via communication.



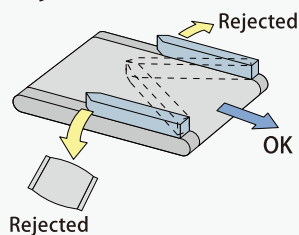
### USB Memory Port

- Data acquisition;
- Program update.

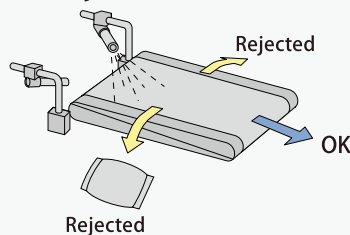
## Multi-type Rejector

Multi-Rejector option, flap method, swing arm, push type – flexible design.

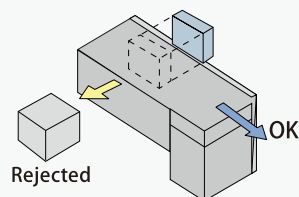
### Arm Rejector



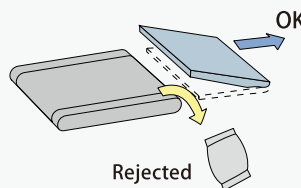
### Air Jet Rejector



### Push Plate Rejector



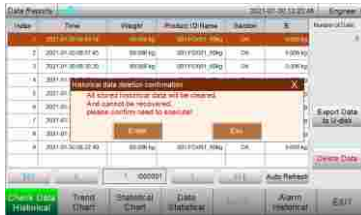
### Drop Up Belt Rejector





## User-friendly design

- 10-inch color user friendly touch screen and graphical design interface. Simple operation without professional training.



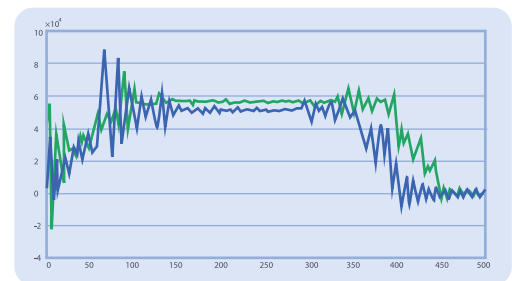
- A million product formula storage. Users/Admin can easily add or delete data.



- 3 levels of administration authority for well-organized management.



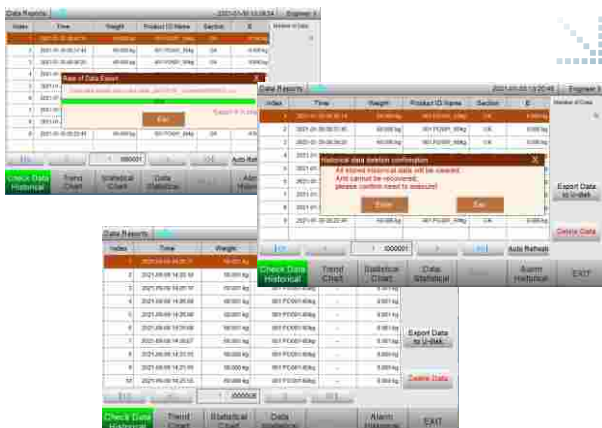
- Advanced and sophisticated software algorithm makes sure the accuracy, as well as high speed dynamic responses.



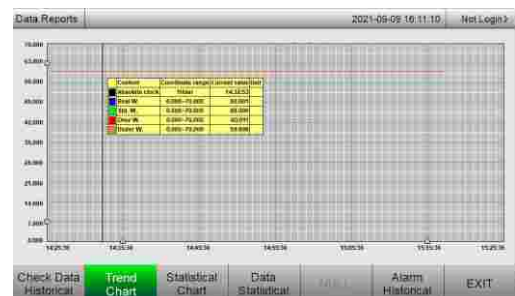
Traditional waveform      Now waveform  
▲ Weighing sampling waveform

## Well-organized data management

- A million data details record including serial number, time and result for admin to check errors. Data summary report can be exported through USB and RS485.



- Weight fluctuation chart reflects the product's weight conditions from the macro perspective.



# DYNAMIC CHECKWEIGHER CW-100G

- This product is widely used in pharmaceutical production lines for highest weighing accuracy and repeatability;
- The checkweigher monitor manufacturing efficiencies and provide real-time data on your process;
- Product completeness and trends also provide feedback data to production line;
- It is also used in the application of checking completeness of secondary package to identify any missing items.

## Multiple industrial application



Food



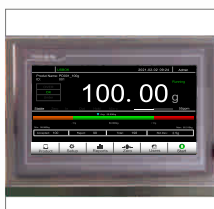
Pharmacy



Accessories



**500g**  
Maximum capacity



**±0.1g**  
Best accuracy



**180** + Pcs/min  
Highest speed



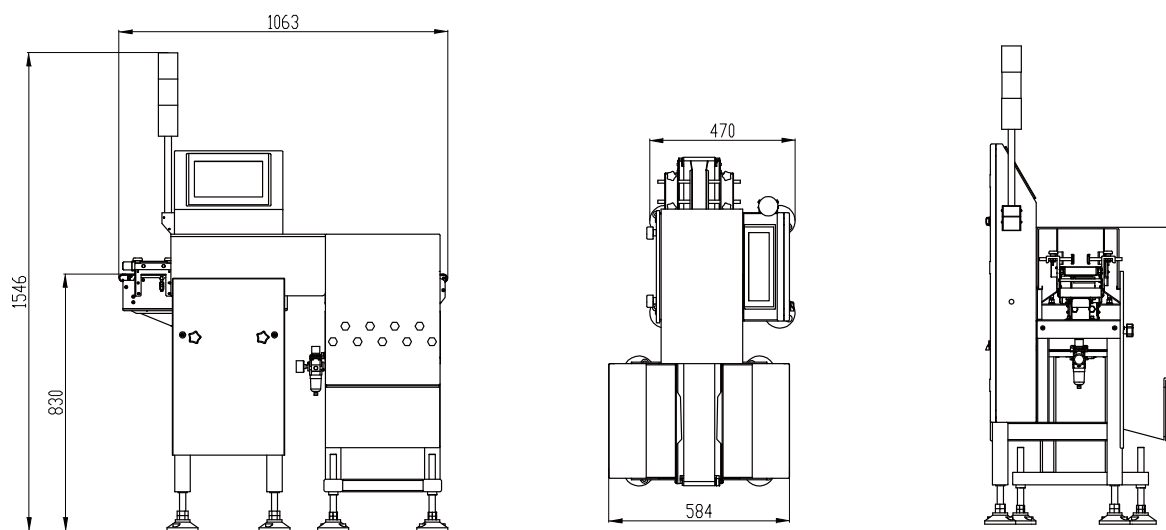
## Standard specification

Model	CW-100G
Maximum capacity	500g
Scale division	0.05g
Best accuracy*	±0.1 g
Highest weighing speed*	180 pcs/min
Belt speed	5~60 m/min
Belt size	250×100mm
Weighing platform height *	830±50mm
Belt material	PU ( white )
Structure of the material	Carbon steel, SS304 stainless steel (weighing platform)
Alarm light	3-color signal light ( Red, yellow, green ) , Optional buzzer
Display size	10-inch color touch screen
Rejector lineup	Options: swing type, air blow type, push type or lift up type rejector
Power	Single Phase AC-220V ±10%, 50/60HZ
Operating temperature	0~40°C
IP grade	IP54 ,IP65 Optional

\*Depend on the weight, size, and material of test object. Test accuracy: 0.1g at 100pcs/min; 0.3g at 180pcs/min.

## Dimensions

Unit:mm



# DYNAMIC CHECKWEIGHER CW-100G Pro

- This product is widely used in pharmaceutical production lines for highest weighing accuracy and repeatability;
- The checkweigher monitor manufacturing efficiencies and provide real-time data on your process;
- Product completeness and trends also provide feedback data to production line;
- It is also used in the application of checking completeness of secondary package to identify any missing items.

## Multiple industrial application



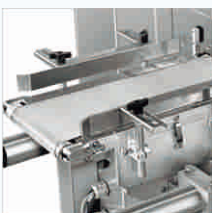
Food



Pharmacy



Accessories



**500<sub>g</sub>**  
Maximum capacity



**±0.1<sub>g</sub>**  
Best accuracy



**300<sub>+ Pcs/min</sub>**  
Highest speed



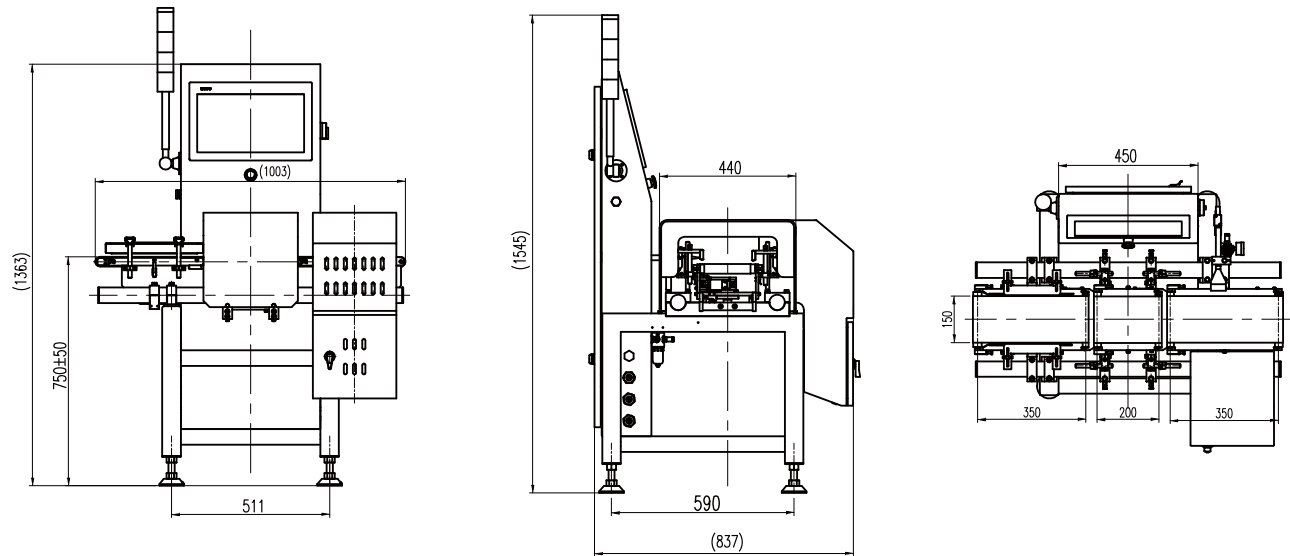
Standard specification

Model	CW-100G Pro
Maximum capacity	500g
Scale division	0.05g
Best accuracy*	±0.1 g
Highest weighing speed*	300 pcs/min
Belt speed	10~70 m/min
Belt size	200×150 mm
Weighing platform height*	750±50mm
Belt material	PU ( white )
Structure of the material	SS304 stainless steel
Alarm light	3-color signal light ( Red, yellow, green ) , Optional buzzer
Display size	15-inch color touch screen
Rejector lineup	Air blow type
Power	Single Phase AC-220V ±10%, 50/60HZ
Operating temperature	0~45℃
IP grade	IP65

\*Depend on the weight, size, and material of test object. Test accuracy: 0.1g at 120pcs/min | 0.2g at 200pcs/min

Dimensions

Unit:mm





# DYNAMIC CHECKWEIGHER CW-600G

- This checkweigher is suitable for standard applications in food and other industries;
- System can store 100 product options for a wide variety of open or closed products in food and industrial production environments;
- System can be intergrated with metal detector.

## Multiple industrial application



Food



Chemical



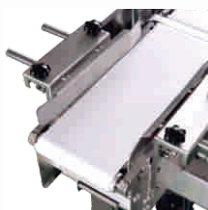
Accessories



**600<sub>g</sub>**  
Maximum capacity



**±0.5<sub>g</sub>**  
Best accuracy



**200<sub>+ Pcs/min</sub>**  
Highest speed



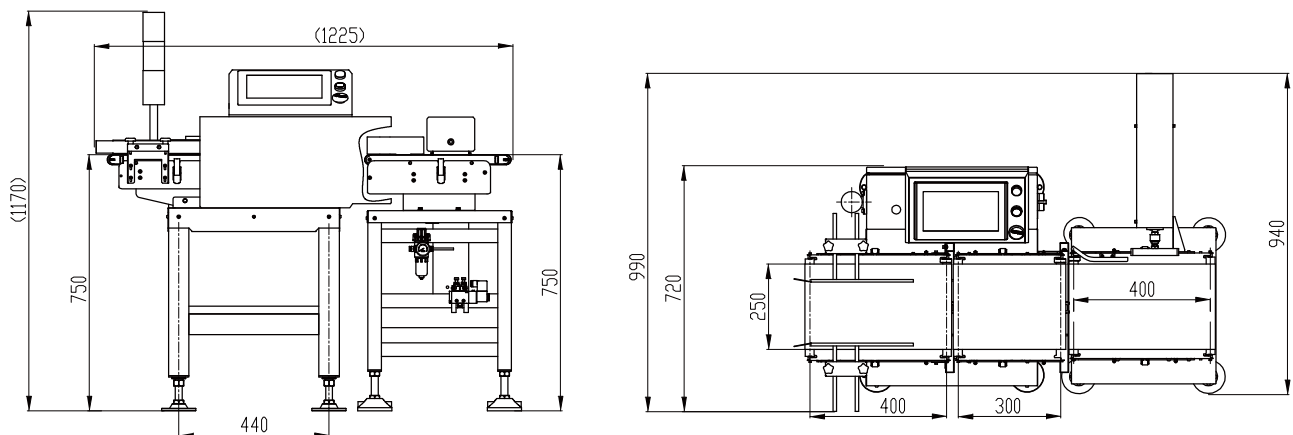
## Standard specification

Model	CW-600G
Maximum capacity	600g
Scale division	0.1g
Best accuracy*	±0.5g
Highest weighing speed*	200 pcs/min
Belt speed	5~60 m/min
Belt size	300×250mm
Weighing platform height*	750±50mm
Belt material	PU ( white )
Structure of the material	Carbon steel, SS304 stainless steel (weighing platform)
Alarm light	3-color signal light ( Red, yellow, green ) , Optional buzzer
Display size	10-inch color touch screen
Rejector lineup	Options: swing type, push type or lift up type rejector
Power	Single Phase AC-220V ±10%, 50/60HZ
Operating temperature	0~40°C
IP grade	IP54 ,IP65 Optional

\* Depend on the weight, size, and material of test object. Test accuracy: 0.5g at 200pcs/min

## Dimensions

Unit:mm



# DYNAMIC CHECKWEIGHER CW-1.2K

- For pouches, bags, and soft-sided containers, bottles;
- S304 stainless steel frame is standard;
- 10-inch touch screen, can store over 1 million transaction, data export through USB;

## Multiple industrial application



Food



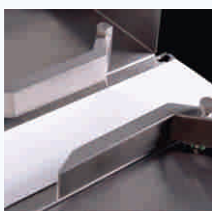
Grain



Chemical



High Cabinet



**1200g**  
Maximum capacity



**±0.5g**  
Best accuracy



**200+Pcs/min**  
Highest speed



Low Cabinet

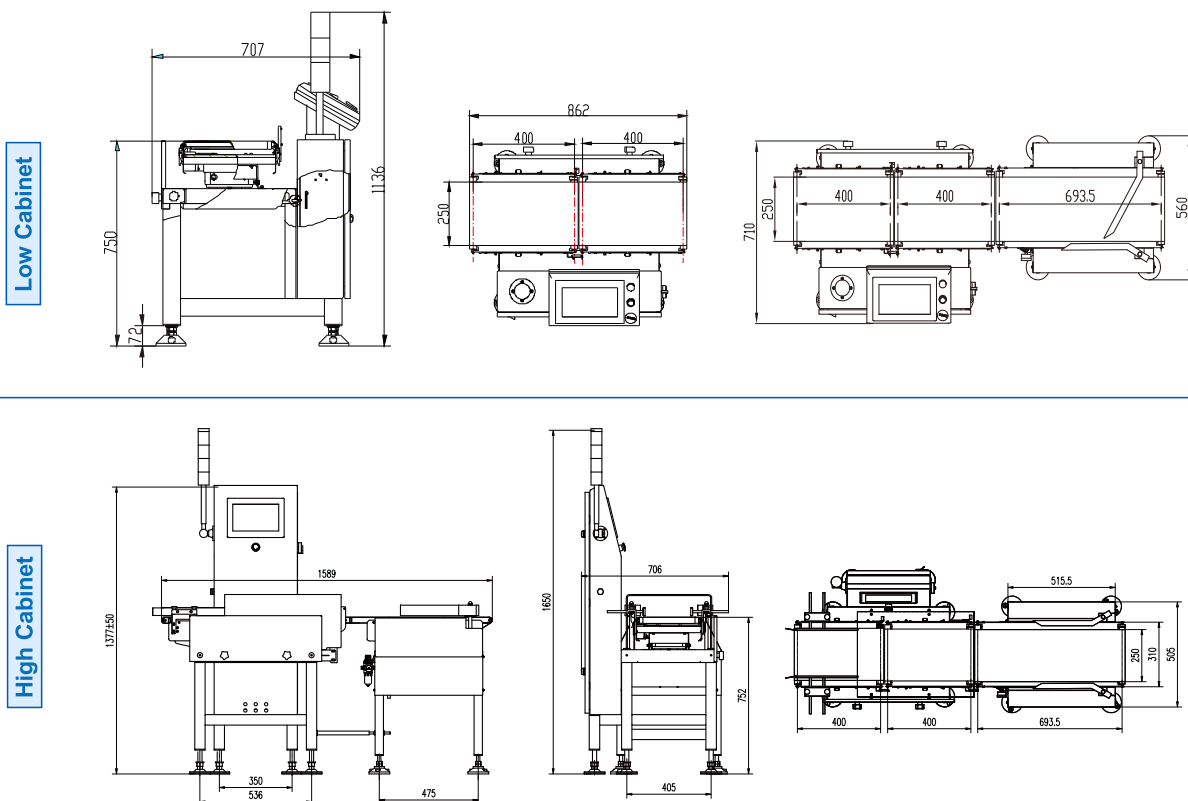
## Standard specification

Model	CW-1.2K
Maximum capacity	1200g
Scale division	0.1g
Best accuracy*	± 0.5g
Highest weighing speed*	200 pcs/min
Belt speed	5~50 m/min
Belt size	400×250mm
Weighing platform height*	750±50mm
Belt material	PU (white)
Structure of the material	SS304 stainless steel
Alarm light	3-color signal light ( Red, yellow, green ) , Optional buzzer
Display size	10-inch color touch screen
Rejector lineup	Options: swing type, push type , flipped type rejector
Power	Single Phase AC-220V ±10%, 50/60HZ
Operating temperature	0~40°C
IP grade	IP54,IP65 Optional

\* Depend on the weight, size, and material of test object. Test accuracy: 1g at 120pcs/min

## Dimensions

Unit:mm



# WEIGHT CHECK & SORTING MACHINE CW-1.2K

- Can be used for sorting 5 to 7 grades of weight;
- For raw food, bags, bottles, containers and so on;
- SS304 stainless steel;
- 10-inch touch screen;
- Can store over 1 million entries, data export by USB.

## Multiple applications



## 1200<sub>g</sub>

Maximum capacity

## ±0.5<sub>g</sub>

Best accuracy

## 120<sub>+ Pcs/min</sub>

Highest speed





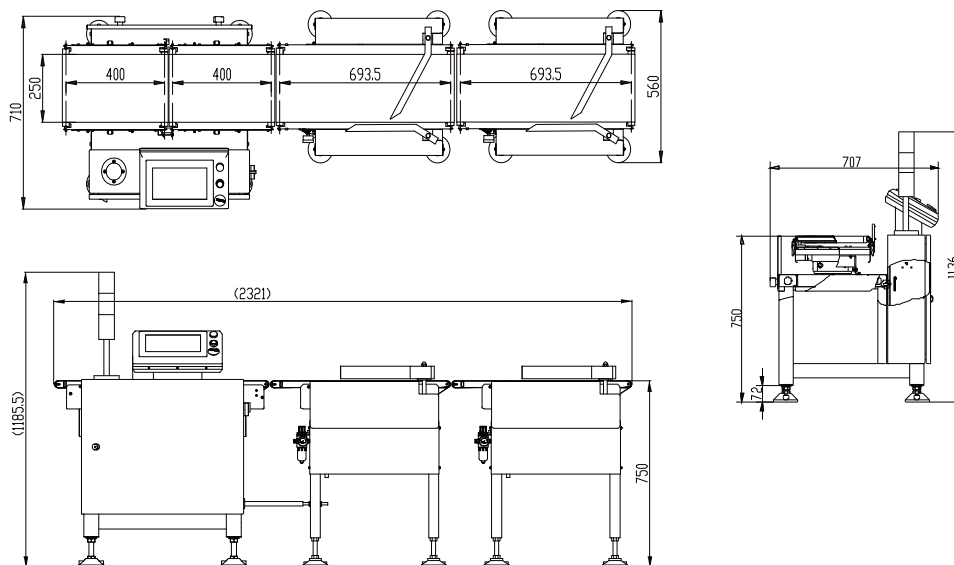
## Specification

Model	CW-1.2K
Maximum capacity	1200g
Scale division	0.1g
Best accuracy*	±0.5g
Highest weighing speed*	120 pcs/min
Belt speed	5~50 m/min
Belt size	400×250mm
Weighing platform height*	750±50mm
Belt material	PU (white)
Structure of the material	SS304 stainless steel
Alarm light	3-color signal light ( Red, yellow, green ) , Optional buzzer
Display size	10-inch color touch screen
Rejector lineup	Options: swing type, push type rejector
Power	Single Phase AC-220V ±10%, 50/60HZ
Operating temperature	0~40°C
IP grade	IP54,IP65 Optional

\* Depend on the weight, size, and material of test object. Test accuracy: 1g at 120pcs/min

## Dimensions

Unit:mm



# CHECKWEIGHER WITH METAL DETECTOR CW-1.2K

CW-1.2K is a high speed and accuracy checkweigher with weight check and metal detection function.

## Feature Highlight:

- 10-inch touch screen, easy operation;
- External expansion of IO port, serial port and network communication to achieve product management, monitoring and remote control;
- Widely used in food, pharmaceutical, daily use chemical, textile and other industries.



**1200<sub>g</sub>**  
Maximum capacity

**±0.5<sub>g</sub>**  
Best accuracy

**100<sub>+ Pcs/min</sub>**  
Highest speed

## Metal Detection Sensitivity

**Fe** ≥ φ 1mm

**Sus304** ≥ φ2.0mm

**Non-Fe** ≥ φ1.5mm



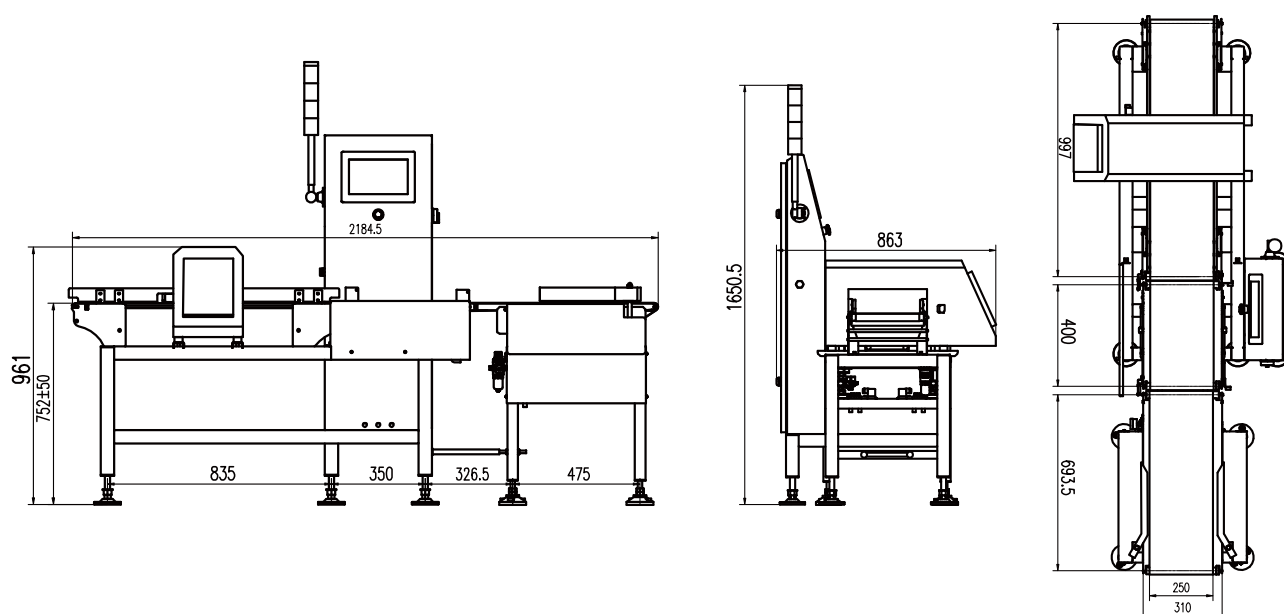
## Standard Specification

<b>Model</b>	<b>CW-1.2K</b>		
<b>Power</b>	AC 220V $\pm$ 10% , 50/60Hz , 400W		
<b>Maximum capacity</b>	1200g		
<b>Best accuracy*</b>	$\pm$ 0.5g		
<b>Weighing speed*</b>	$\leq$ 100 pcs/min		
<b>Belt speed</b>	5~40 m/min		
<b>Belt size</b>	400mm*250mm		
<b>Belt material</b>	PU White		
<b>Structure material</b>	304 Stainless Steel		
<b>Rejector</b>	Optional: swing arm, push type, air blow		
<b>Metal detection sensitivity*</b>	Fe $\geq$ $\phi$ 1 mm	Sus304 $\geq$ $\phi$ 2.0mm	Non-Fe $\geq$ $\phi$ 1.5mm
<b>Metal detector wide</b>	250mm		
<b>Metal detector height</b>	Optional: 80mm/100mm/120mm/150mm/200mm		
<b>Platform height</b>	750 $\pm$ 50mm		
<b>Working temperature</b>	0~40°C		
<b>Maximum humidity</b>	90% R.H No Condensation		
<b>Limit load</b>	The instantaneous load shall not exceed 2.4kg		

\*Metal detection sensitivity is related to test object features (humidity, temperature, salinity, mineral content, etc.), as well as some environmental effects, such as vibration, electromagnetic field interference, etc.,

## Structure & Dimension

Unit: mm



# DYNAMIC CHECKWEIGHER CW-3K

- CW-3K check weigher is suitable for product weight range from 0.3~3kg;
- Best weighing accuracy  $\pm 0.5$ ;
- 10-inch touch screen, can store over 1 million transaction, data export through USB;
- It is widely used for food and beverage, pet food, daily use chemical industry, and so on.

## Multiple applications



**3 kg**  
Maximum capacity



**$\pm 0.5$ g**  
Best accuracy



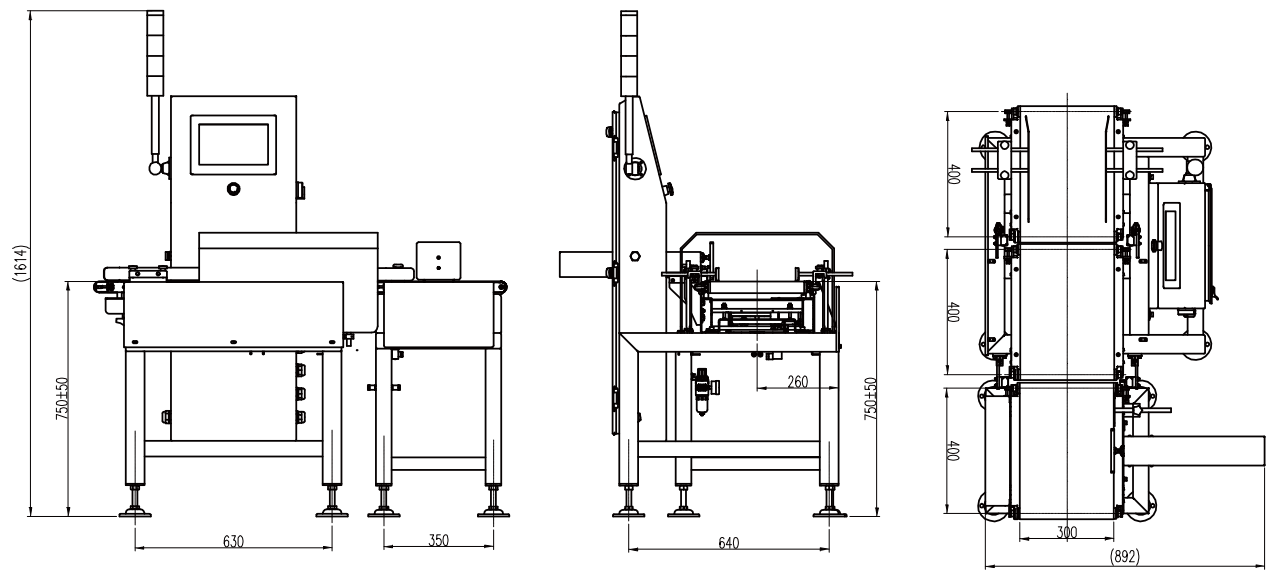
**150** +Pcs/min  
Highest speed



Specification	
Model	CW-3K
Power	AC220V±10%, 50/60Hz, 1200W
Maximum capacity	3kg
Best accuracy*	±0.5g
Highest weighing speed*	150pcs/min
Belt speed	10~90m/min
Belt size	400mm*300mm
Roller distance(center)	400mm
Weighing platform height*	750 (±50mm ) (customizable)
Temperature	0~40°C
Humidity	90% R.H No Condensation
Limit load	The instantaneous limit load shall not exceed 5 kg

Dimensions

Unit:mm





# DYNAMIC CHECKWEIGHER CW-6K

- CW-6K check weigher is suitable for product weight range from 0.5-6kg.
- Weighing accuracy is within  $\pm 2g$ ;
- 10-inch touch screen, can store over 1 million transaction, data export through USB;
- It is widely used for food, feeds, logistic industries, automation production line, and so on.

## Multiple industrial application



Feeds



Logistic



Automation production line



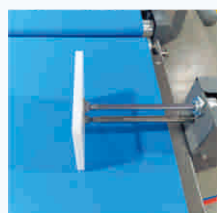
**6kg**

Maximum capacity



**$\pm 2g$**

Best accuracy



**100** +Pcs/min

Highest speed

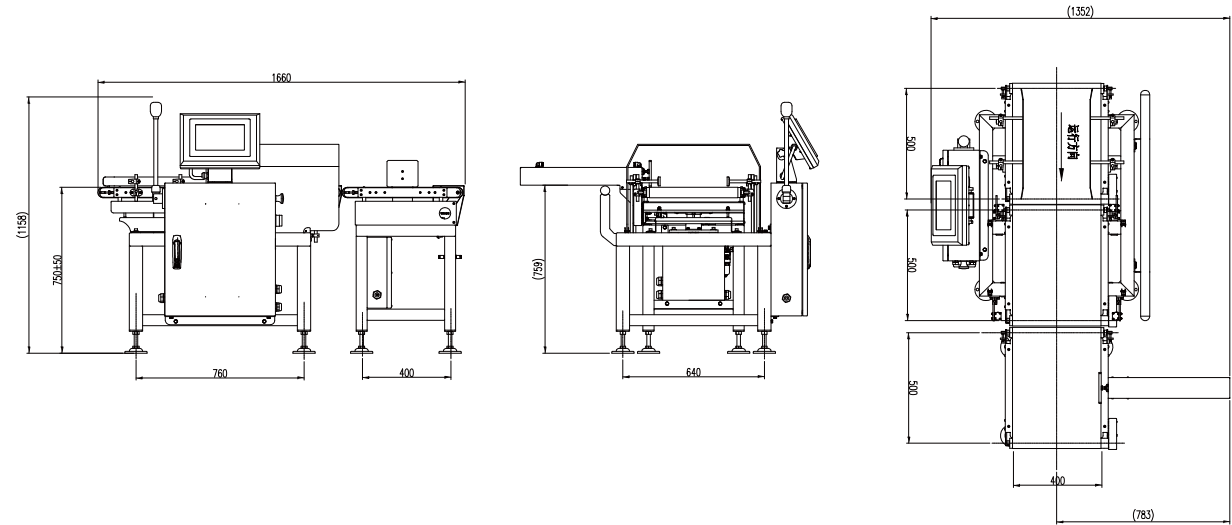


Standard specification	
Model	CW-6K
Maximum capacity	6kg
Scale division	0.5g
Best accuracy(3σ)*	±2g
Highest weighing speed*	100pcs/min
Belt speed	10~50m/min
Belt size	500*400mm
Weighing platform height*	750±50mm
Belt material	PU ( white )
Structure of the material	Carbon steel, SS304 for weighing platform
Alarm light	3-color signal light ( Red, yellow, green )
Display size	10-inch color touch screen
Rejector lineup	Options: swing type, push type
Power	AC220V single phase, 50/60Hz, 850W
Operating temperature	0~40℃
IP grade	IP54 ,IP65 Optional

\*Depend on the weight, size and material of test object.

Dimensions

Unit:mm



# DYNAMIC CHECKWEIGHER CW-15K

- Heavy load, for product weight up to 15kg, with accuracy  $\pm 5g$ ;
- 10-inch screen, easy to operate;
- 100 different products storage;
- Widely used for checking weight of products in boxes, bags, barrel, etc.

## Multiple industrial application



Feeds



Logistic



Automation



**15 kg**

Maximum capacity



**$\pm 5g$**

Best accuracy



**85 + Pcs/min**

Highest speed



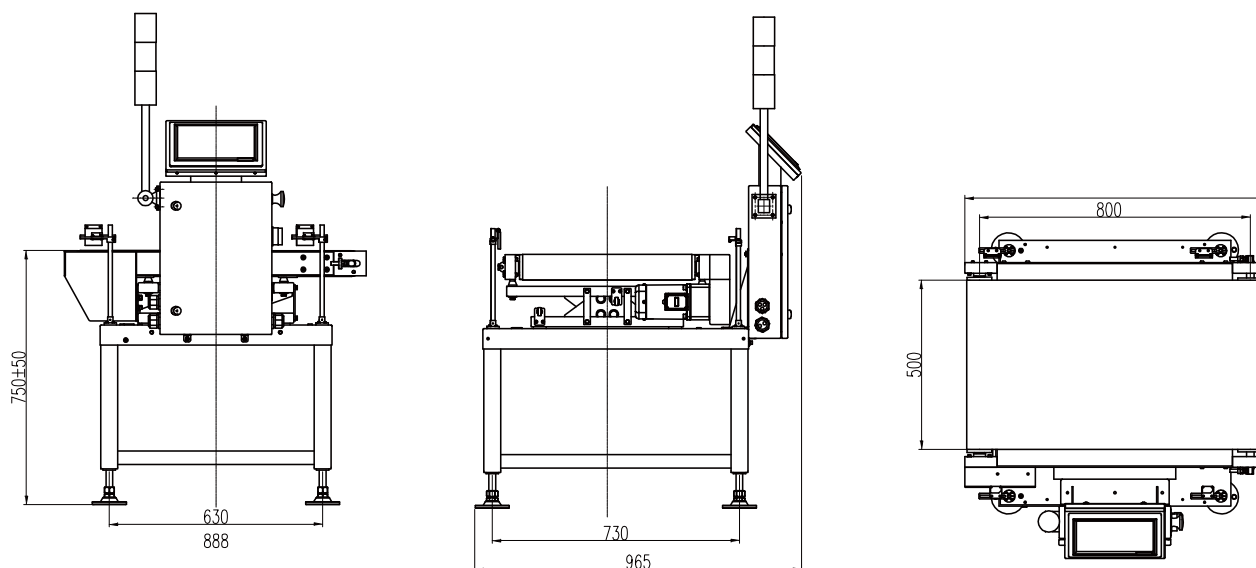
## Standard specification

Model	CW-15K
Maximum capacity	15kg
Scale division	1g
Best accuracy*	±5 g
Highest weighing speed*	85pcs/min
Belt speed	45~68m/min
Belt size	800×500mm
Weighing platform height*	750±50mm
Belt material	PVC (black)
Structure of the material	Carbon steel, SS304 stainless steel (weighing platform)
Alarm light	3-color signal light (Red, yellow, green) , Optional buzzer
Display size	10-inch color touch screen
Rejector lineup	Push type
Power	Single Phase AC-220V ±10%, 50/60HZ
Operating temperature	0~40°C
IP grade	IP54,IP65 Optional

\*Depend on the weight, size and material of test object.

## Dimensions

Unit:mm



# DYNAMIC CHECKWEIGHER CW-30K

- Heavy load, for product weight up to 30kg, with accuracy  $\pm 5g$ ;
- 10-inch screen, easy to operate;
- 100 different products storage;
- Widely used for checking weight of products in boxes, bags, barrel, etc.

## Multiple industrial application



Feeds



Logistic



Automation production line



**30 kg**  
Maximum capacity



**$\pm 5g$**   
Best accuracy



**40+ Pcs/min**  
Highest speed





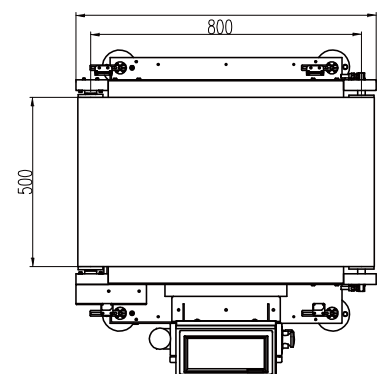
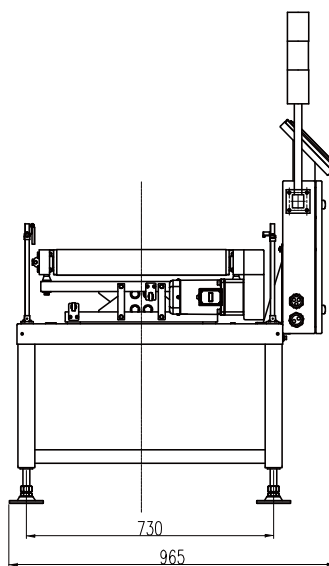
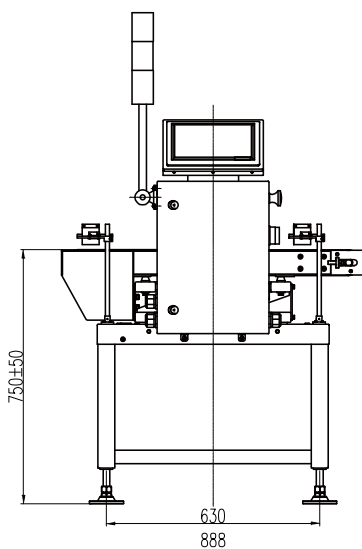
## Standard specification

Model	CW-30K
Maximum capacity	30kg
Scale division	1g
Best accuracy*	±5 g
Highest weighing speed*	30~40pcs/min
Belt speed	22~34m/min
Belt size	800*500mm
Weighing platform height*	750±50mm
Belt material	PVC
Structure of the material	Carbon steel, SS304 for weighing platform
Alarm light	3-color signal light ( Red, yellow, green )
Display size	10-inch color touch screen
Rejector lineup	Options: push type
Power	AC220V single phase, 50/60Hz, 850W
Operating temperature	0~40°C
IP grade	IP54,IP65 Optional

\*Depend on the weight, size and material of test object.

## Dimensions

Unit:mm



# DYNAMIC CHECKWEIGHER CW-60K

- Heavy load heavy duty, for bags ,boxes weight up to 60kg with accuracy within 10 grams;
- Strong structure for hash environment, option S304 S316 structure, option stainless loadcell;
- Using 4 loadcells for plat form, with variable mounting position for high accuracy under ruff environment;
- Flexible Modbus communication to integrate with computer, scanner, dimension measure device and soon.

## Multiple industrial application



Logistic



Automation



Grain and feeds



**60<sub>kg</sub>**

Maximum capacity



**±10<sub>g</sub>**

Best accuracy



**60<sub>+Pcs/min</sub>**

Highest speed



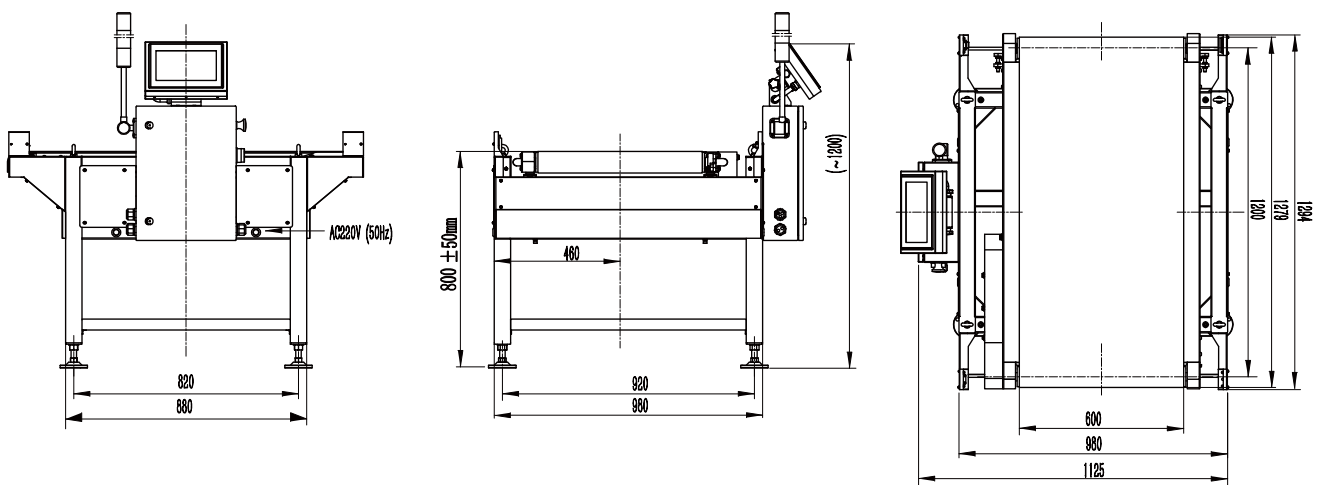
## Standard specification

Model	CW-60K
Maximum capacity	60Kg
Scale division	5g
Best accuracy*	±10g
Highest weighing speed*	60pcs/min
Belt speed	10~60m/min
Belt size	1000/1200×600mm
Weighing platform height*	400~750mm (±50mm)
Structure of the material	Carbon steel, SS304 stainless steel (weighing platform)
Alarm light	3-color signal light (Red, yellow, green) , Optional buzzer
Display size	10-inch color touch screen
Rejector lineup	Push type
Belt material	PVC (black)
Power	Single Phase AC-220V ±10%, 50/60HZ
Operating temperature	0~40°C
IP grade	IP54 ,IP65 Optional

\*Depend on the weight, size and material of test object.

## Dimensions

Unit:mm



# VERTICAL CHECKWEIGHER CW-60K-V

CW-60K-V checkweigher has wide weighing range but high accuracy guarantee. It is perfect for weighing the various bags and boxes running in vertical way in the production line.

- Standard module design for easy installation and maintenance;
- Easy integrating in the production line;
- Maximum capacity: **60kg**, weighing accuracy is within **±20g**;

## Multiple applications



Standard



Economy Type

## Specification

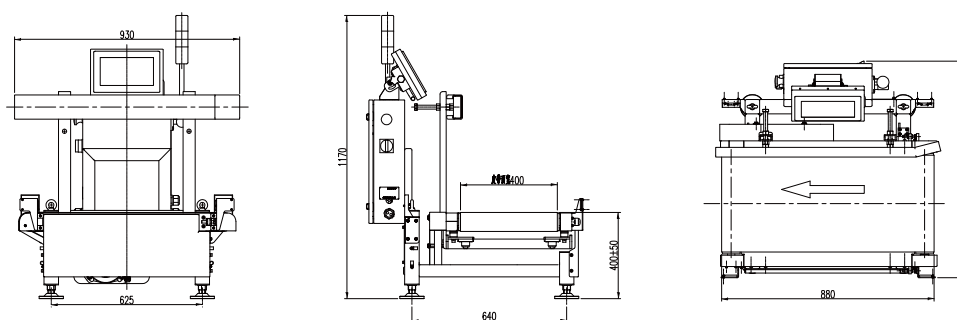
Model	CW-60K-V Standard	CW-60K-V Economy Type
Power	AC220V±10%, 50/60Hz, 1KW	AC220V±10%, 50/60Hz, 1KW
Maximum capacity	60kg	60kg
Best accuracy*	±10g	±20g
Highest speed*	≤50pcs/min	≤30pcs/min
Belt speed	40m/min	22m/min
Conveyor size	800mm*400mm	800mm*400mm
Distance between rollers	800mm	800mm
Weighing platform height	400 (±50mm)	400 (±50mm )
Structure material	Carbon Steel, SS304 (weighingPlatform)	Carbon Steel, SS304 (WeighingPlatform)
Belt material	PVC (black)	PVC (black)
Display	10-inch touch screen	7-inch touch screen
Working temperature	0~40℃	0~40℃
Max. humidity	90% R.H, non-condensation	90% R.H, non-condensation
Load limit	The instantaneous load limit is 100kg	The instantaneous load limit is100kg

\*It depends on the features of tested object, such as size and weight.

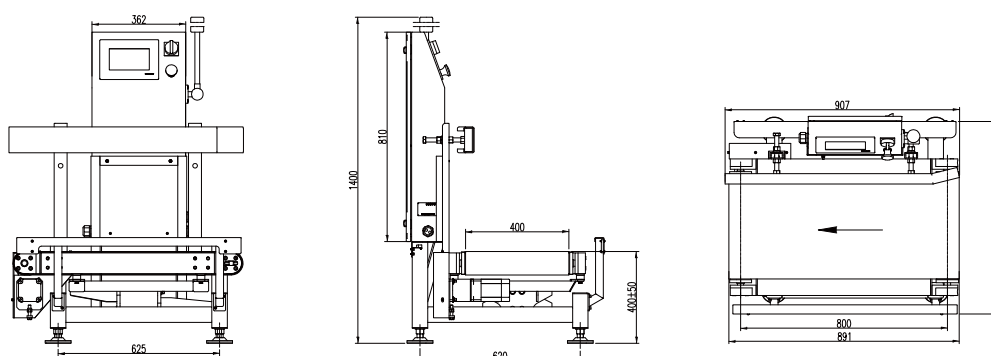
## Dimensions

Unit:mm

Standard



Economy Type





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