GMT-X1
Weighing Transmitter

GMT-X1, a DIN rail-mounted weighing transmitter for industrial automation, can be used in various system weighing applications, such as weight checking, loss-in-weight, liquid filling, batching, vessel and silo weighing, etc. Through Bluetooth, it can be connected to Weasy App for configuration and monitoring.

OIML CE

SOFTWARE HIGHLIGHTS

- Liquid filling software selectable；
- Calibration without weights (by loadcell sensitivity value）；
- Printer function；
- Self-testing for I/O and Communication port；
- Self-editable boot screen；

HARDWARE HIGHLIGHTS

- Stainless steel case with compact design；
- Different configuration choice, a variety of combinations；
- Standard: RS4851 + RS485/RS232(Selectable)

  Hardware Option 1   3 Input 5 Output or 3 Input 4 Output relay (Optional)；

  Hardware Option 2   RS485+16bit Analog or 2 Input 4 Output；

  Hardware Option 3   Modbus TCP or Ethernet/IP or Profinet or CAN OPEN；

  (Hardware Option1,2,3 can be selected at the same time)；
- Bluetooth Communication.

CANopen®   PROFINET   EtherNet/IP™   Modbus TCP/IP   ANALOG OUTPUT   RS485/RS232

www.gmweighing.com

Standard Specification

| General Specifications	Model	GMT-X1
	Power Supply	DC 24V（12~30VDC）
	Working temperature	-10℃~40℃
	Maximum humidity	90% R.H without dew
	Testing standards	Class III 6000 e, 1 μ V/d
	Power consumption	About 5W
A/D Conversion	A/D performance	24 bit Delta-Sigma
	A/D conversion speed	50~960 times/per second
	Non-linearity	0.01%F.S
	Gain drift	10PPM/℃
	Input sensitivity	0.1μV/d / 0.5μV/d
	Display Accuracy	1/1,000,000
	Weighing Platform Requirement	1 simulation scale interface, can connect up to 8 loadcell with 350Q, Supportsensitivity in 1mV/V, 2mV/V, 3mV/V
	Sensor power supply	DC5V 200mA(Max)
	Input impedance	10MΩ
	Button	6 key vocalized button

Application
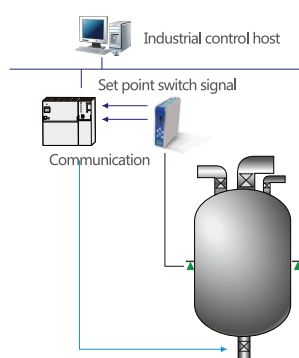
Set point weighing application
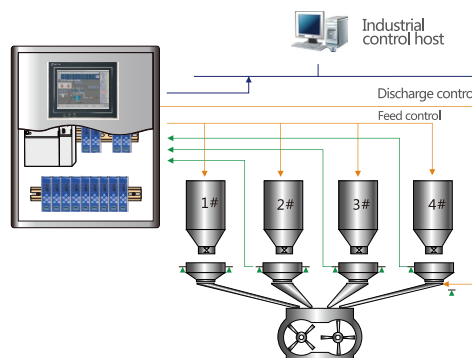
Multi-material batching application
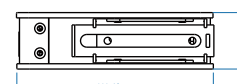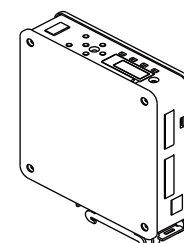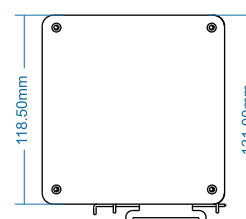
Linkedin   Facebook   Wechat

GMT-X4

DIN Rail Mount Four-Channel Weighing Transmitter

GMT-X4 is a DIN rail mounted weighing transmitter with four-channel. It has the characteristics of compact design, stable performance, and easy operation, which can be used for various weighing applications, such as weight checking, loss-in-weight, liquid filling, batching, vessel and silo weighing, etc.

Hardware Highlight

- Stainless steel housing with compact design(62X134X128mm)；
- Different configuration choices, a variety of combination；

Standard
① 4-channel of 6-wire load cell interfaces；
② RS485 & RS232；
③ 4 Input 8 Output I/O；

Option1	Modbus TCP /IP or EtherNet/IP or ProfiNet or EtherCat;
Option2	4-channel analog output;
Option3	CANopen;

（Option1, 2, 3 can be selected at the same time.）

Software Highlight

- Zero point reset function: support resetting the zero point as before power failure when re-powering;
- Theoretical value calibration, stable within 3s of the calibration process automatically;
- Remote monitoring and configuration by PC with Modbus TCP connecting up to 6 devices at once;
- Input anti-vibration function, which time can be set.

Specification

Power	DC 24V ±5%
Size	62mm ×134mm ×128mm
Weight	Approx. 880g
Operating Environment	-10～40℃；90%R.H,No Condensation
Storing Environment	-40～60℃；90%R.H,No Condensation
Power Dissipation	20W
Weighing Platform Excitation Voltage	5V，200mA(MAX)/channel
Weighing Platform Requirement	4 simulation scale interface, can connect up to 40 load cell with 350Ω, support sensitivity 1mV/V, 2mV/V, 3mV/V
Sensitivity	0.1uV/d
Non-Linearity	0.01% F.S
A/D Conversion Speed	50；60；100；120；200；240；400；480；800；960（SPS）
Maximum Display Accuracy	1/1,000,000

Application Diagram
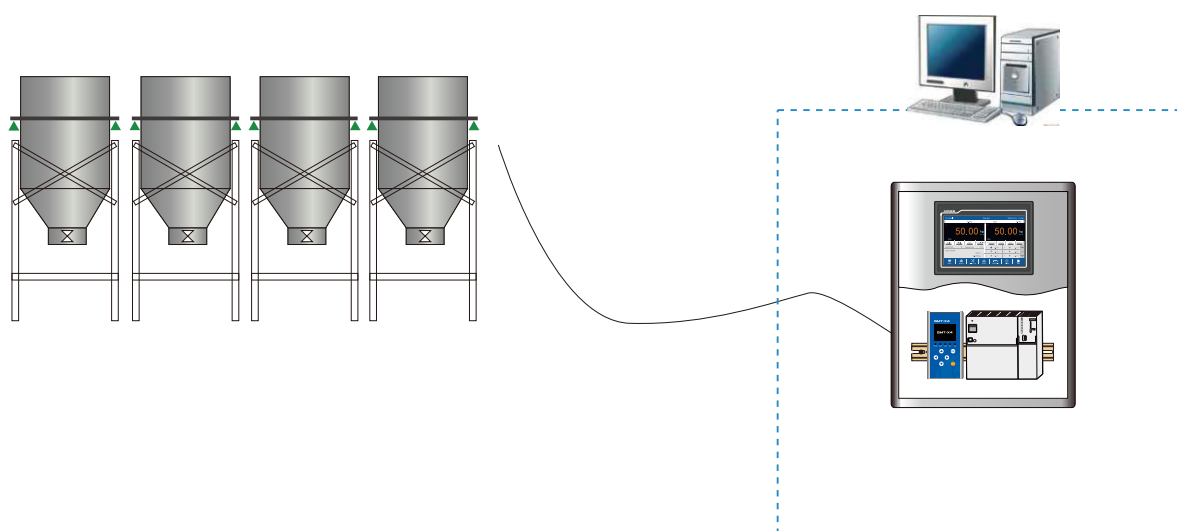
Multi-material batching application

Dimension

134 mm

122 mm

62 mm

127.5 mm
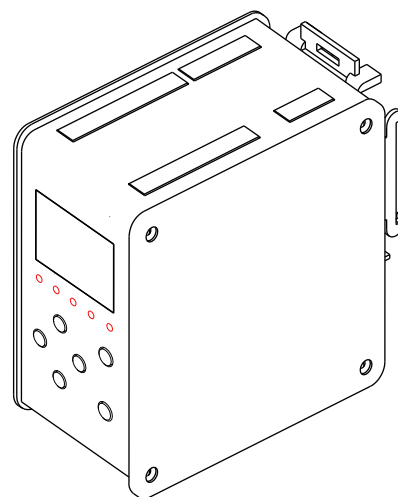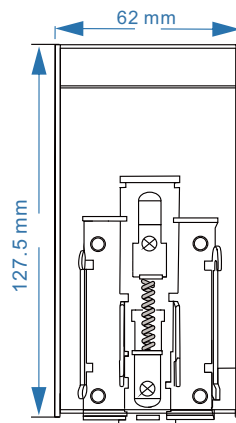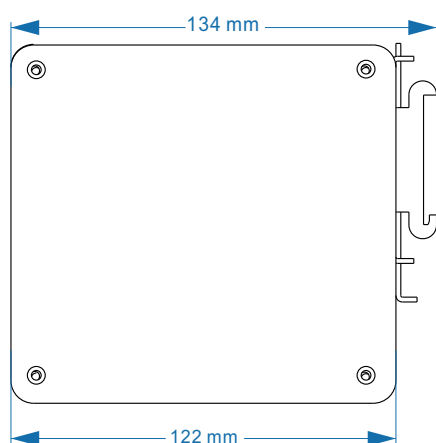
GMT-P1

Weighing Transmitter

The GMT-P1 is a panel/harsh-mounted weighing transmitter that offers exceptional reliability, advancedfiltering, and tested ability to perform stably under interference of harsh industrial environmentsIt is customized for dynamic weighing systems with the highest demand for reliability,response speedand accuracy.
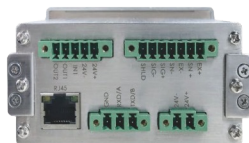
HIGH-PERFORMANCE

OIML CE

- Standard RS232/RS485 selectable by switch；
- Calibration without test weights function；
- I/O points (1 input, 2 outputs) as standard；
- Simple design to facilitate connection to a PLC；
- Low cost digital indicator for various applications；
- Selectable A/D sampling 30/60/120/240/480/960 times/sec；
- Support theoretical calibration with loadcell sensitivity；
- Compact, lightweight body makes it ideal for mounting into a control panel；
- 1,000,000 weight resolution ability,with second generation Vibration Cancellation Filter；
- Powers up to 8 units of loadcells with 6 wires connection,provide long distance compensation.

COMMUNICATION INTERFACE
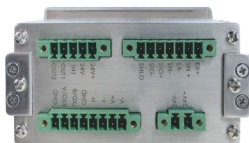
RS485/232+Analog output   RS485/232+Ethernet   EtherNet/IP or Profinet or EtherCAT
（Modbus TCP/IP）

EtherCAT   PROFINET   EtherNet/IP   Modbus TCP/IP   ANALOG OUTPUT   RS485/RS232

www.gmweighing.com

Specifications

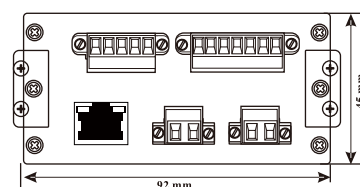| WEIGHING SPECIFICATION	
OIML R76	e=1 µV/d, 6000e
A/D conversion	124-bit Delta-Sigma
Zero adjustment range	0 to 12mV (Load cell 3mV/V)
Nonlinearity	0.01% F.S
Maximum input voltage	0 to 15mV (Load cell 3mV/V)
Minimum sensitivity	0.01 µV/d
Input impedance	10MΩ
Sampling rate	30/60/120/240/480/960 times/sec.
Display resolution	1 / 999,999
Load cell excitation	DC5V, 200mA(Max.), Up to 8 load cells(350Ω) can be connected
DIGITAL UNIT	
Display elements	7-segment 6-digit red LED
Data display range	0 to 999,999d
Status indicators	ZERO, STAB, NET
BASIC SPECIFICATIONS	
Power source voltage	DC24V ± 5%
Power consumption	Approx. 10W
Temperature and humidity	-10℃ to 40℃ / 90% R.H or less(Condensation must be avoided)
Dimensions	110 × 89 × 60 mm (L×W×H)
Weight	Approx.350g
Panel cut dimensions	93 x 46mm
Dust/water protection	The IP 65 display when mounted into a panel
Enclosure	ABS front panel, aluminum case.
OPTIONS	
Serial interface	Standard RS-232/RS485 interface
Analog output	0-5V, 0-10V, 4-20mA , 0-24mA , 0-20mA , User Define
Ethernet	Modbus TCP、 Profinet、 Ethernet IP

Unit:mm
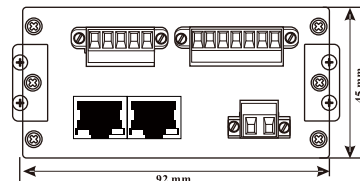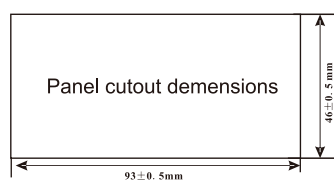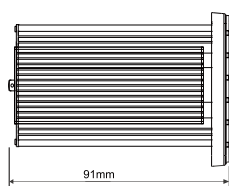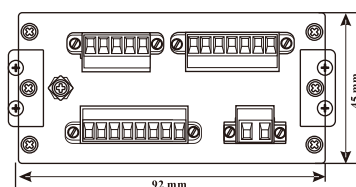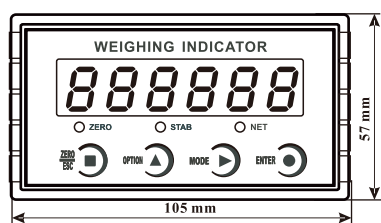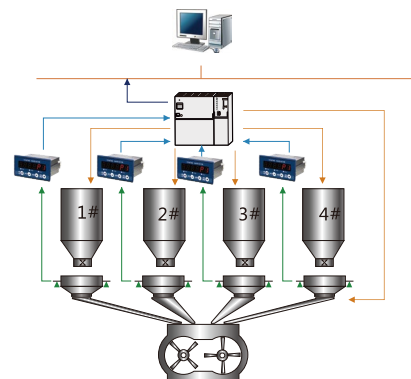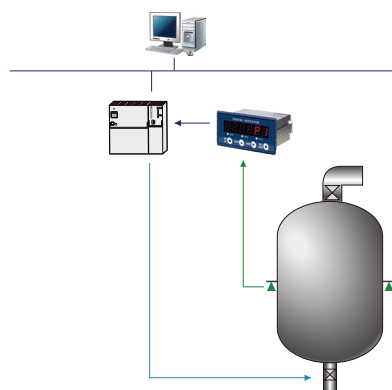
WEIGHING INDICATOR

888888

ZERO   STAB   NET

ZERO ESC   OPTION   MODE   ENTER

105 mm

57 mm

91mm

92 mm

45 mm

92 mm

45 mm

Panel cutout demensions

93±0.5mm

46±0.5 mm

92 mm

45 mm

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Application

LinkedIn   Facebook   Wechat

GMT-H1
Weighing Transmitter

PRODUCT INTRO

GMT-H1 weighing transmitter is designed for industrial weighing application. It's harsh mount, IP65 protection widely used in silo and vessel application.

FEATURES
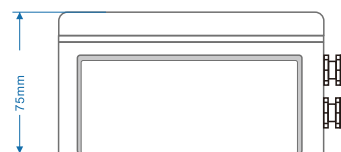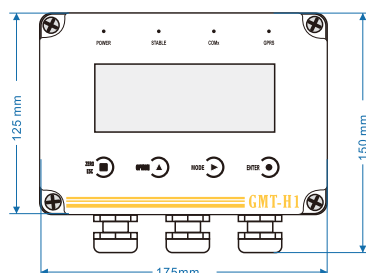
● Anti-dust and waterproof harsh mount case;

● 6-wire loadcell interfaces, connecting up to 8 loadcell in 350Ω;

● Support theoretical data calibration;

● Support GPRS, Modbus-RTU, Modbus-TCP/IP, RS485 for communication;

● The function of automatic upload relevant weighing data;

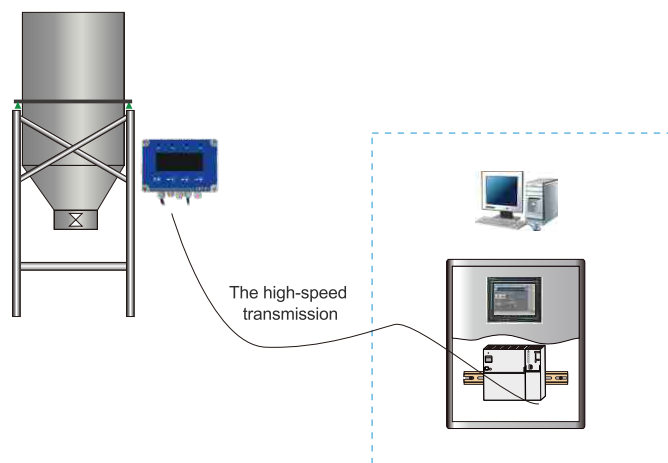● Through IO port to get the information of material level.

DIMENSION

Unit：mm

125 mm

175mm

150 mm

75mm

SPECIFICATION

Model		GMT-H1
General Specification	Power	AC 90-260V 50Hz(or 60Hz) ±2%
	Temperature	-20~60℃;90%R.H Without dew
	Power consumption	10W
	Weights	750g
Measurement Paramenters	A/D conversion	24bit Delta-Sigma
	Sampling rate	Sampling rate, initial value:100times/sec, range: 50,60,100,120,200,240,400,480 times/sec
	Nonlinearity	0.01%F.S
	Gain drift	10PPM/℃
	Sensitivity	0.1μV/d / 0.5μV/d
	Input range	MAX 0.02~15mV
	Maximum display accurarcy	1/100,000
	Weighing platform load cell	1 simulated weighing platform load cell interface can connect up to 8 load cell that is in 350Ω,and the sensitivity in 1mV/V、2mV/V、3mV/V.
	Load cell excitation	5V 200mA(Max)
I/O Interfaces and Communications	RS485(Standard); Support ModbusRTU, continuous transmission protocol	
	RJ45(Standard); Support Modbus-TCP, continuous transmission protocol	
	GPRS data transmission function	
	Fixed IO: 3 Input, 3 Output	
	Optional IO: 3 more（can be selfdefined as output or input）	

APPLICATION

The high-speed transmission

LinkedIn   Facebook   Wechat

GMT-H2

Wall/Desk Mount Weighing Transmitter

GMT-H2 is a wall/desk-mount weighing transmitter, with stainless steel shell which reaches IP65 protection. 2-inch LED display with 6 digits and 6 indicator lights. It can be widely used in the industrial automation fields, such as silo weighing, platform weighing, weight checking, loss-in-weight, liquid filling, batching, and so on.

HARDWARE HIGHLIGHTS

Standard

- 2 RS485, 1 RS232 ports;
- 4 in 6 out I/O ports;

EtherCAT   **Modbus TCP/IP**

EtherNet/IP   **PROFINET**

Options

- 1 analog output；
- Modbus TCP, or Profinet(support Siemens PLC connection), or Ethernet IP (Omron or Schneider PLC connection) or EtherCAT (developing phase,Omron or Schneider PLC connection).

SOFTWARE HIGHLIGHTS

- Simple weighing functions: weight collect, filter and display;
- Calibration with or without weights, support 5 points calibration with weights;
- Zeroing and taring functions;
- Analog functions;
- Serial port communication functions;
- Print function;
- I/O preset point function;

Standard Specification

General Specifications	Model	GMT-H2
	Power Supply	DC 24V（12~30VDC）
	Working temperature	-10℃~40℃
	Maximum humidity	90% R.H without dew
	Testing standards	Class III 6000 e, 1 μ V/d
	Power consumption	About 10W
A/D Conversion	A/D performance	24 bit Delta-Sigma
	A/D conversion speed	30/60/120/240/480/960 times/per second
	Non-linearity	0.01%F.S
	Gain drift	10PPM/℃
	Input sensitivity	0.1μV/d
	Maximum input voltage	0~15mV
	Display Accuracy	1/1,000,000
	Load cell excitation	DC 5V,200mA(Max),Up to 10 load cells(350Ω) can be connected
	Input impedance	10MΩ

Dimension   unite:mm
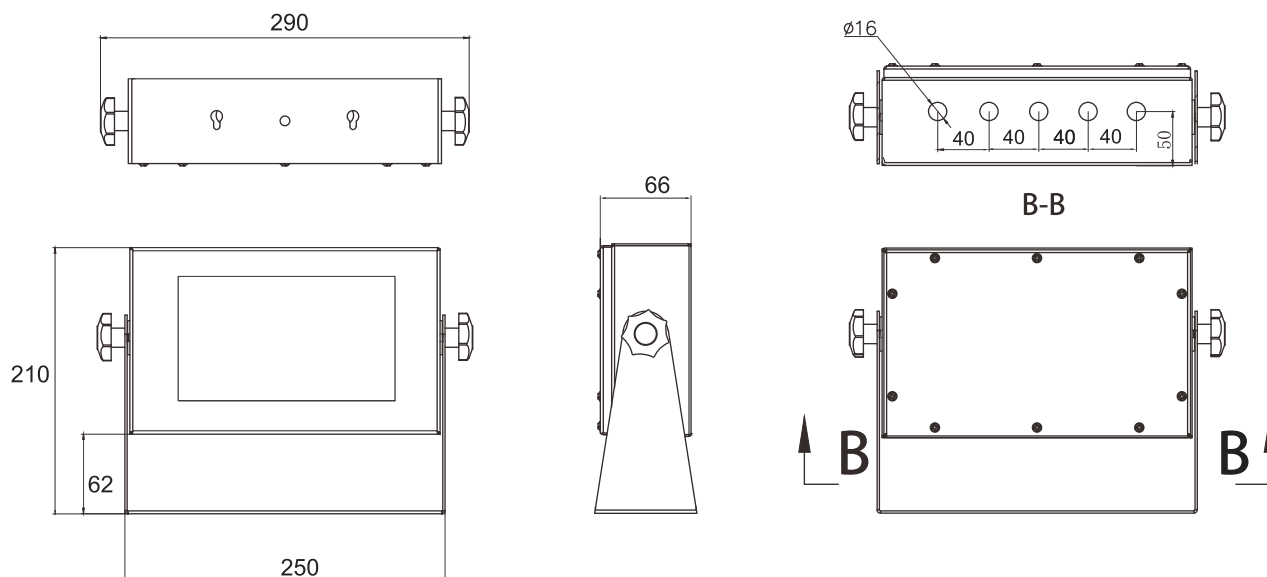
Linkedin   Facebook   Wechat

GM7702
Weighing Transmitter

GM7702, a digital weighing transmitter with the standard dimension, is suitable for mounting on DIN rail in many industrial fields. Small size and compact design make it ideally integrate with whole weighing sector. Due to its high practicability, stability and easy operation, GM7702 can be widely applied to the industry of feeds, chemical, concrete and bitumen mixing, metallurgy smelting, etc.

DESCRIPTION

Standard

· With RS232/485 serial ports and support remote control;
· Support tare,preset tare function;
· Equipped with 2 IN 3 OUT I/O module.

Compact Design

· Small size and compact design with standard 35mm DIN mounting;

Optional Communication

· Optional 16bit high-precision analog output: 0~24mA, 0~5V, 0~10V and user-defined analog output.
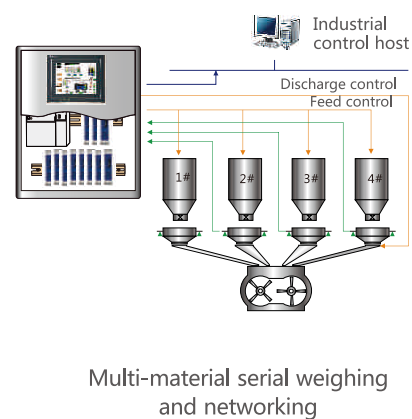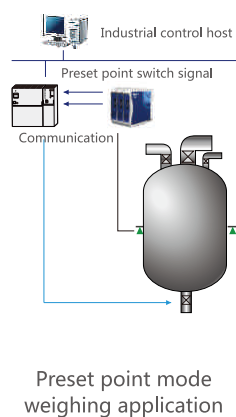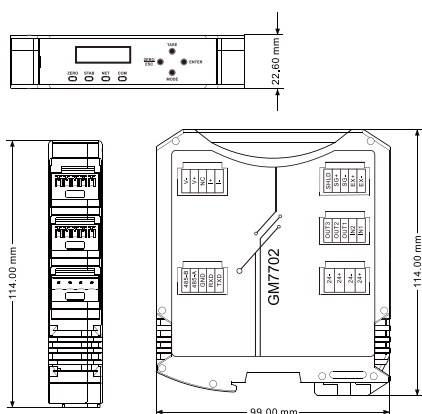
ANALOG OUTPUT   RS485/RS232   C E

Standard specification

General Specifications	Model	GM7702
	Power Supply	DC 24V
	Working temperature	-10℃~40℃
	Maximum humidity	90% R.H without dew
A/D Conversion	A/D performance	24 bit Delta-Sigma
	A/D conversion speed	120/240/480 t/s
	Non-linearity	0.01%F.S
	Gain drift	10PPM/℃
	Input sensitivity	0.02μV/d
	Input range	0.00~15mV
	Maximum display accuracy	1/100,000
	Load cell power	DC 5V 100mA(Max)
	Input impedance	10MΩ
	Zero steady range	0.02~8mV (Load cell 2mV/V)
I/O Part	Inputs	2,active low
		Zero/tare/trigger preset point n (n=1/2/3/4)
	Outputs	3,single drive current 500mA
		Stabilization/Overfilow/Trigger Point n Output
		(n=1/2/3/4)/Upper/Middle/Lower Limit

Dimensions
Unit:mm

Preset point mode
weighing application

Multi-material serial weighing
and networking

GM8802S-T

Rail Mount Weighing Controller

GM8802S-T weighing indicators are specially designed for weight transmitting in industrial fields, winch have features of small volume, plenty communicating commands,stable performance, easy operation and practicability, so they are widely applied to concrete and bitumen mixing equipment, commodity industry, chemical industry and feed, etc.
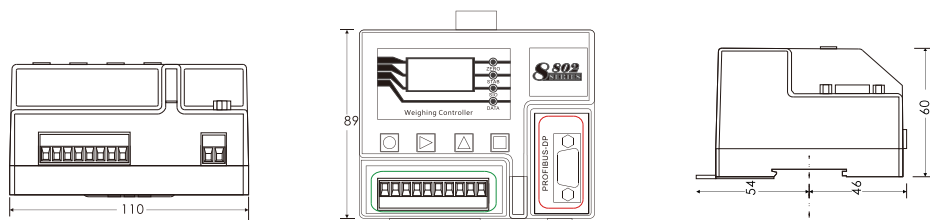
DESCRIPTION

· Weigh controller module with optional preset point function;
· Easy operation and installation, equipped with OLED display;
· RS485 communication as standard to connect with a PLC;
· A variety of expansion modules are available to support various external communication output modes.

DIMENSIONS

Unit:mm

Standard specification

Analog Unit	A/D Conversion Method	24-bit Delta-Sigma modulation
	Zero Adjustment Range	0.02~8mV (Load cell 2mV/V)
	Nonlinearity	0.01%F.S
	Maximum Input Voltage	0.02~10mV (Load cell 2mV/V)
	Minimum Sensitivity	0.1μV/d
	Input Impedance	10MΩ
	Sampling Rate	120/240/480 t/s.
	Display Resolution	1/100,000
	Load Cell Excitation	DC5V,200mA(Max),Up to 8 load cells can be connected
Basic Specifiacions	Display Element	1.3 inch OLED screen
	Status Indicators	ZERO,STAB,SIO,DATA
Digital Unit	Power Source Voltage	DC 24V ±5%
	Power Consumption	Approx.10w
	Temperature and Humidity	-10℃~40℃/90% R.H or less (Condensation must be avoided)
	Dimensions	110*89*60mm (L*W*H)
	Weight	Approx.250g

Application

Unit:mm
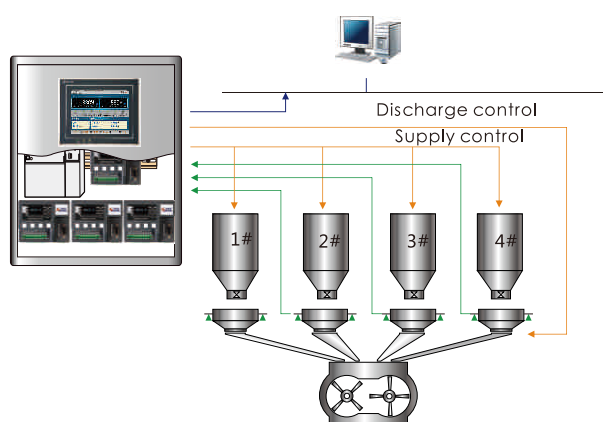
Multiple material batching machine
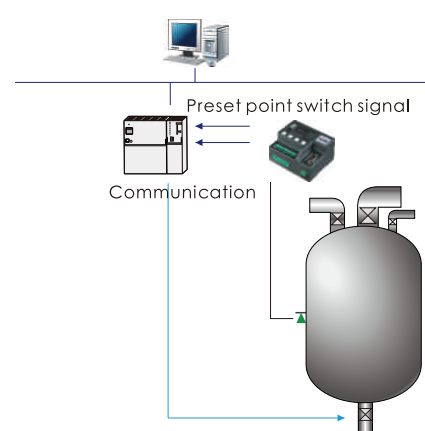
Preset point weighing controller

GENERAL MEASURE

M04 Series
Weighing Controller

CE OIML

Making the World Measurable
Linking Your Smart Life

It can be widely used in food, feed, seed, fertilizer, powder and other industries.
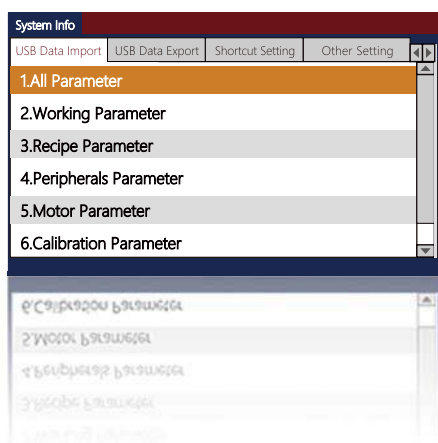
A/D Max. 960t/s
Display Accuracy 1/100000

Advanced New Algorithm,
Optimised Hardware,
Faster and More Accurate
Weighing Control.

5-inch Screen

Easy Operation
Elegant Appearance

Administrator	
1.Recipe	Indicator has 40 recipe memories from 01 to 40. Each recipe includes many parameters. User can according set and edit this value.
2.Working Parameter	
3.Peripherals	
4.Motor Parameter	
5.Calibration	Recipe ID
6.ACUM And Batch	01
7.I/O Module	Target
8.Serial Port	0.00kg
9.User Management	
10.System Info.	Button : 1-Choose Recipe

System Info

USB Data Import	USB Data Export	Shortcut Setting	Other Setting
1.All Parameter			
2.Working Parameter			
3.Recipe Parameter			
4.Peripherals Parameter			
5.Motor Parameter			
6.Calibration Parameter			

USB Port

Easy to Import and Export Data
Upgraded Software
User-friendly Boot Screen

▶ Standard RS485+RS23（ModbusTCP）
Easier for System Interaction

Standard I/O

Active Low-Level for Input
Low-Level Effective
500mA for Single Drive Current
User-defined I/O

▶ M04 with Single Hopper: 8 Input/12 Output
M04 with Double Hopper: 12 Input/17 Output
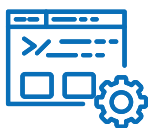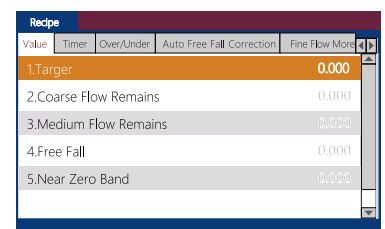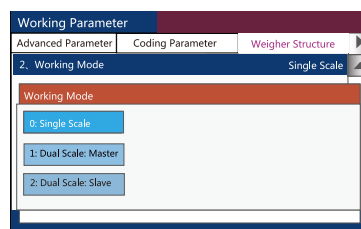
M04-2

Bagging Scale Controller

M04-2 software supports for multi-type bagging scale application.

Version Features

MULTI-MODE

Supporting the hopper/non-hopper mode and the double scale inter-locking mode (two controllers working synchronously).

Supporting I/O tests, easy for products debugging.

Automatic three material speed feeding control, with optional manual slow feeding function.

Multiple digital filtering to improve the anti-interference capability of the packaging scale.

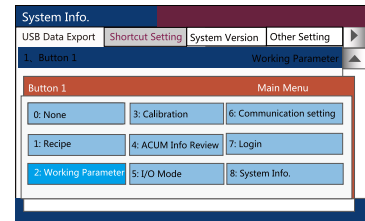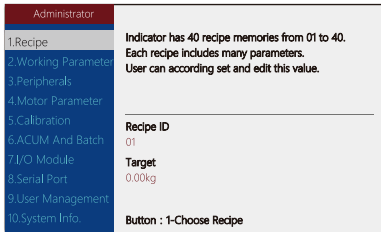Batch setting function, patting bags function, suitable for packaging powder materials

Feed control function, convenient for controlling the connection between packaging scale and feeding equipment.

Multiple levels of operating permissions, such as users, administrators and system administrator.

Button Functions

One-click button can be set for recipe selection, batch setting, parameter calibration, etc.

System Info.				
USB Data Export	Shortcut Setting	System Version	Other Setting	▶

Button 1 — Working Parameter

Button 1		Main Menu
0: None	3: Calibration	6: Communication setting
1: Recipe	4: ACUM Info Review	7: Login
2: Working Parameter	5: I/O Mode	8: System Info.

Administrator	
1.Recipe	Indicator has 40 recipe memories from 01 to 40. Each recipe includes many parameters. User can according set and edit this value.
2.Working Parameter	
3.Peripherals	
4.Motor Parameter	
5.Calibration	Recipe ID
6.ACUM And Batch	01
7.I/O Module	Target
8.Serial Port	0.00kg
9.User Management	
10.System Info.	Button : 1-Choose Recipe

Database

It can store 20 groups of recipes. For each recipe, the target value, fast/slow feeding mode, drop value and other parameters can be set up manually.

I/O Port

8 Input/12 Output

Used to start and stop, and carry out A/B scale feeding, A/B scale unloading and other operations.

RS485+RS232

For connecting PC, PLC, Printer, Label Printer, Remote Display, or other external devices, for reading and setup remotely.
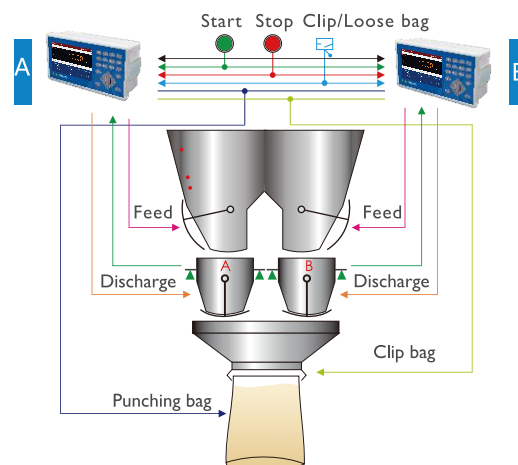
USB

For importing and exporting recipes, works, I/O function, communication and other parameters, upgrading system software, customizing boot screen, etc.

ModbusTCP

For connecting PC, PLC, Printers, etc. , for reading remotely.

Application Schematic Diagram
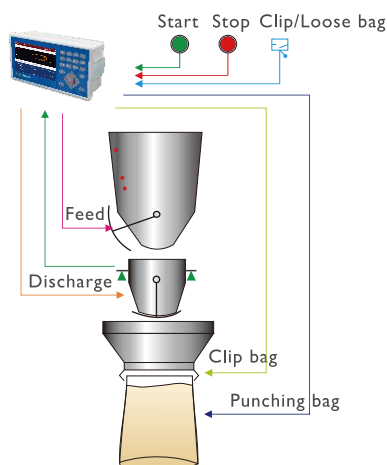
Single Channel Packaging Controller with Hopper

Double Channel Packaging Controller with Hopper
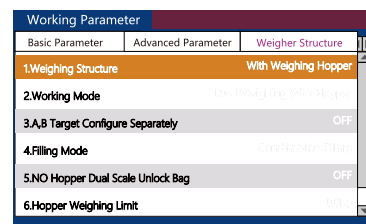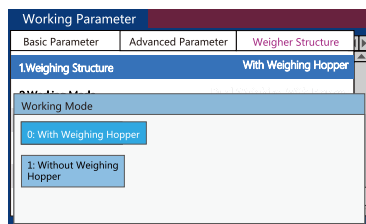
M04-D

Bagging Scale Controller with Double Hopper

M04-D software supports for
multi-type bagging scale application (dual mode).

Version Features

MULTI-MODE

Supporting hopper / non-hopper mode, pnematic and electric mode.

Supporting I/O tests, easy for products debugging.

Automatic three material speed feeding control, with optional manual slow feeding function.

Multiple levels of operating permissions, such as users, administrators and system administrator.

Batch setting function, patting bags function, suitable for packaging powder materials

Feed control function, convenient for controlling the connection between packaging scale and feeding equipment.

Multiple digital filtering to improve the anti-interference capability of the packaging scale.

Button Functions

Shortcut key can be set to facilitate formulation selection, batch setting, parameter calibration and other operations.

System Info.			
USB Data Export	Shortcut Setting	Other Setting	◀▶
1.Button 1			Working
2.Button 2			Calibration
3.Button 3			Batch
4.Button <-			Target
5.Button 4			System Info
6.Button 5			Recipe ID

Database

It can store 40 groups of recipes. For each formula can input target value, fast/slow feed, drop value and other parameters. Parameters can be entered manually or imported through USB interface.

Administrator	
1.Recipe	Indicator has 40 recipe memories from 01 to 40. Each recipe includes many parameters. User can according set and edit this value.
2.Working Parameter	
3.Peripherals	
4.Motor Parameter	
5.Calibration	Recipe ID
6.ACUM And Batch	02
7.I/O Module	Target
8.Serial Port	0.0kg
9.User Management	
10.System Info.	Button : 1-Choose Recipe

I/O Port

| USB	RS485+RS232	12 Input/17 Output
For importing and exporting formula, working, I/O function, communication and other parameters, also for upgrading system/software, and customizing boot screen.	For connecting PC, PLC, printer, label printer, remote display, coding machine or other external equipment, which can be used for remote reading and setting.	For starting , and stopping, and carrying out A/B scale feeding, A/B scale unloading and other operations.

Application Schematic Diagram
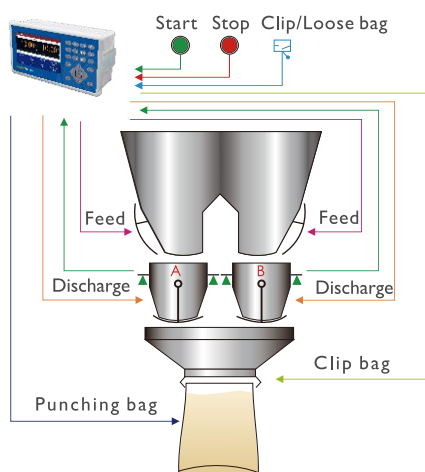
Double Channel Packaging Controller with Hopper
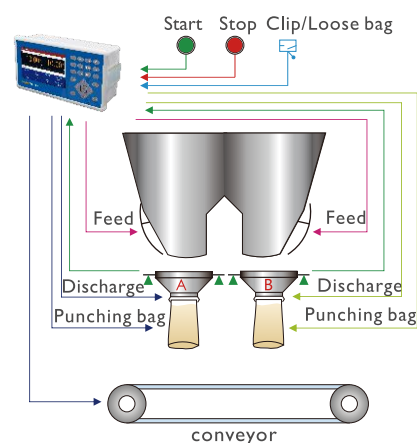
Double Channel Packaging Controller without Hopper
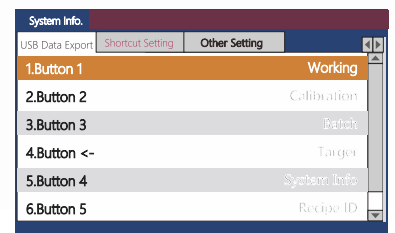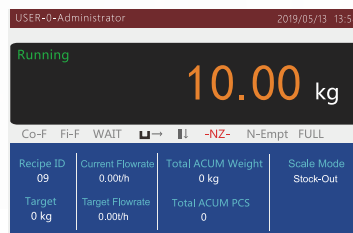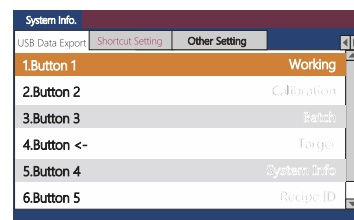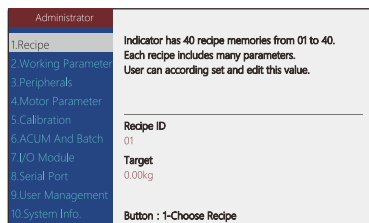
M04-5

Bulk Scale Controller

M04-5 software supports for continuous weighing bulk scale application to solve the problem of batch weight and automatic totalizing of incoming and outgoing materials.

Version Features

Updated Algorithm

Weighing control faster and more accurate ;
AD conversion rate 960times/sec;

Supporting I/O tests, easy for products debugging.

Automatic three material speed feeding control, with optional manual slow feeding function.

Multiple digital filtering to improve the anti-interference capability of the packaging scale.

Batch setting function.

Feeding control function facilitates the control connection between feeding equipment and discharging equipment.

Multiple levels of operating permissions, such as users, administrators and system administrator.

Button Functions

One-click button can be set for recipe selection, batch setting, parameter calibration, etc.

System Info.			
USB Data Export	Shortcut Setting	Other Setting	
1.Button 1		Working	
2.Button 2		Calibration	
3.Button 3		Batch	
4.Button <-		Target	
5.Button 4		System Info	
6.Button 5		Recipe ID	

Administrator	
1.Recipe	Indicator has 40 recipe memories from 01 to 40. Each recipe includes many parameters. User can according set and edit this value.
2.Working Parameter	
3.Peripherals	
4.Motor Parameter	
5.Calibration	Recipe ID
6.ACUM And Batch	01
7.I/O Module	Target
8.Serial Port	0.00kg
9.User Management	
10.System Info.	Button : 1-Choose Recipe

Database

It can store 20 groups of recipes. For each recipe, the target value, fast/slow feeding mode, drop value and other parameters can be set up manually.

I/O Port

8 Input/12 Output	RS485+RS232	USB
Used to start and stop, and carry out A/B scale feeding, A/B scale unloading and other operations.	For connecting PC, PLC, Printer, Label Printer, Remote Display, or other external devices, for reading and setup remotely.	For importing and exporting recipes, works, I/O function, communication and other parameters, upgrading system software, customizing boot screen, etc.

ModbusTCP
For connecting PC, PLC, Printers, etc. , for reading remotely.

Application Schematic Diagram

Continuous Weighing

M04-6/6D

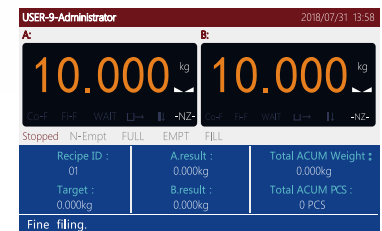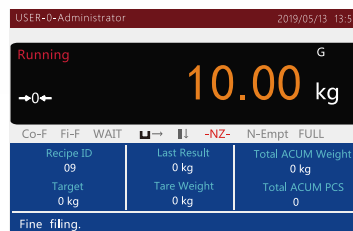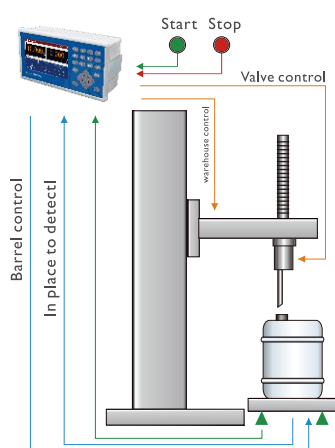## Single/Double Nozzle for Liquid Filling Application

M04-6/6D software supports for single/double nozzle liquid filling application.

Version Features

M04-6/M04-6D

Selective single or double hopper filling scale: M04-6 or M04-6D

Supporting I/O tests, easy for products debugging.

Automatic two material speed feeding control.

Multiple levels of operating permissions, such as users, administrators and system administrator.

Batch setting function.

Feeding control function facilitates the control connection between filling scale and frontend feeding equipment.

Multiple digital filtering to improve the anti-interference capability of the packaging scale.

Button Functions

Quick access key can be set to facilitate formulation selection, batch setting, parameter calibration and other operations.

▶ Database

It can store 20 groups of recipes. For each formula can input target value, fast/slow feed, drop value and other parameters.

Auxiliary logic programming function

Up to 6 sets of logic trigger signals can be defined, and simple logic signal output can be configured to control the upper barrel, gland, coding and other auxiliary devices.

▶ Intelligent feeding control

Automatic adjustment of fast feeding, slow feeding, filling scale speed and accuracy to achieve the best.
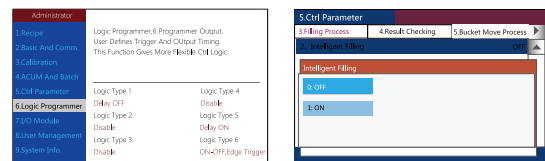
I/O Port

RS485+RS232	USB	8 Input/12 Output
For connecting PC, PLC, printer, label printer, remote display, coding machine or other external equipment, which can be used for remote reading and setting.	For importing and exporting formula, working, I/O function, communication and other parameters, also for upgrading system software, and customizing boot screen.	For starting, stopping, feeding, unloading, clamping/loosening, etc.
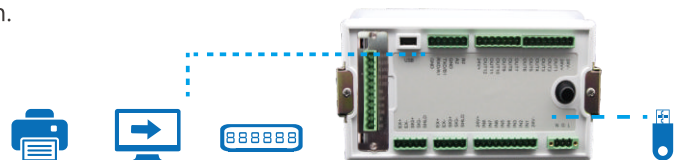
Application Schematic Diagram


Single Nozzle for Liquid Filling Application

Double Nozzle for Liquid Filling Application

www.gmweighing.com
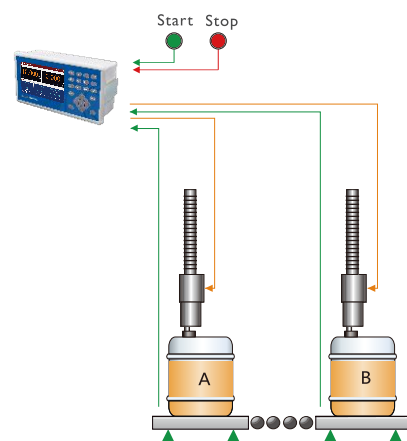
Specification

Model		M04
General Specification	Power Supply	AC90~260V 50Hz(or 60Hz) ±2%
	Operating Temperature	-10 to 40℃
	Maximum Humidity	90% R.H without dew
	OIML Standard	OIML R76: Class III 6000 divis. 1μV/d
	Power Consume	About 15W
	IP Level	Front panel IP65
A/D Converter	Type	24-bit Sigma-Delta
	Conversion Rate	120/240/480/960 SPS
	Non-Linear	0.01% F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02 uV/d
	Analog Input Range	0.02mV -15mV
	Display Accuracy	1/100000
	Power Source for Load Cell	DC5V 125mA (MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.02~8mV (When the transducer is 2mV/V.)

Dimensions
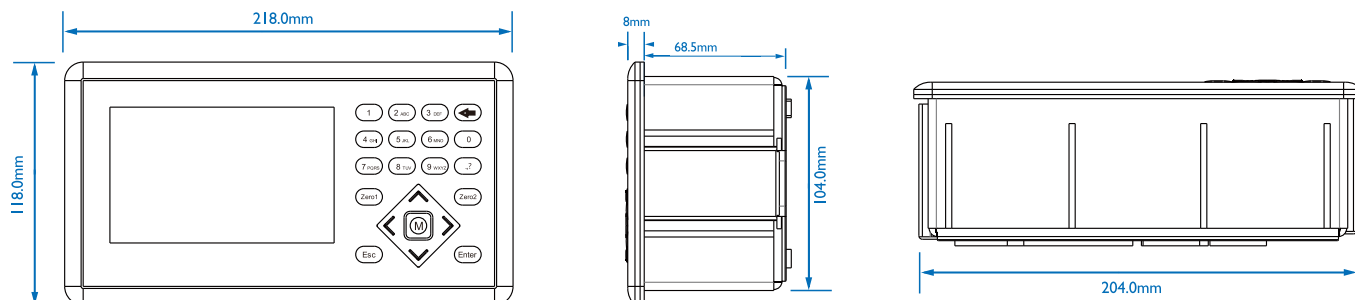
218.0mm 118.0mm 8mm 68.5mm 104.0mm 204.0mm

LinkedIn   Facebook   Wechat

GMC-P7
Touch Screen Weighing Controller

GMC-P7 weighing controller is designed for dynamic weighing/packing/batching applications, widely used in grain and seeds, feeds, rubber and plastic, and the chemical industry.
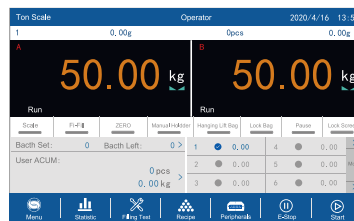
DESCRIPTION

Application Software

Multiple Software Selection:

- Simplex packing;
- Duplex packing;
- Reduce weight method packing;
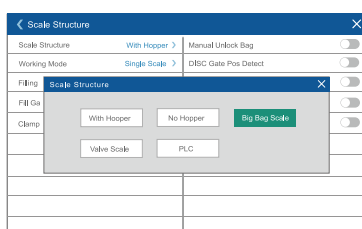- Bulk Scale (Continuous weighing);
- Batching scale.
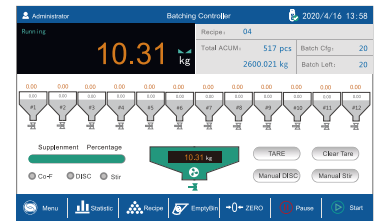
User-friendly Design

- 7-inch touch screen, interactive design, and easy operation;
- Record the weight of every pack, million data storage and export.

Multi-Mode

- Multi-Mode: With Hopper, No Hopper, Big Bag Scale, Valve Scale, PLC;

Adaptive Function

- Automatic drop correction function, feeding speed adaptive function;
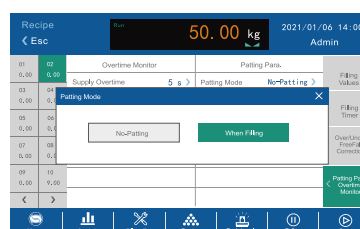
Patting Mode

- Starting Patting mode when filling material to shape bags by setting relevant parameters;

Robust & Durable

Strong anti-interference

- Metal case with SS304 and aluminum provides better EMC protection and screen protection;
- 500mA over-current protection for IO port;

Sealing & Dust-proof performance

- 3mm front panel with rubber seal strip makes it fit control box well, which improves the sealing and dust-proof performance;

External keyboard

- Support mouse and keyboard control by USB connection;

MCU

- MCU with quad-core (Linux) for fast images and data processing ability;

Harsh desk/wall mount version

- Provide harsh desk/wall mount version for installation;

Multiple Communication Methods

- **RS232+RS485** for connecting PC, PLC, Printer, Label Printer, Remote Display, Code Printer, or other external devices, for reading and setup remotely;
- **12 Input/16 Output** for starting, stopping, unloading, clamping/loosening bags, etc.;
- **Modbus TCP** for connecting PC, PLC, Printer, etc., for reading remotely;
- **USB** for importing and exporting recipes, I/O function communication parameters and other working parameters, upgrading system software, customizing boot screen, etc.

Standard Specification

General Specifications	Model	GMC-P7 (CoPro Series)
	Power Supply	DC 24V plus or minus 5%
	Working temperature	-10℃~40℃
	Maximum humidity	90% R.H without dew
	Testing standards	Class III 6000 e, 1 μ V/d
	Power consumption	About 15 w
A/D Conversion	A/D performance	24 bit Delta-Sigma
	A/D conversion speed	120/240/480 times/per second
	Non-linearity	0.01%F.S
	Gain drift	10PPM/℃
	Input sensitivity	0.02μV/d
	Display Accuracy	1/100,000
	Input range	0.02~15mV
	Sensor power supply	DC5V 125mA(Max)
	Input impedance	10MΩ
	Zero steady range	Maximum 0.002 ~ 15mV(Load Cell 3mV/V)
Application Software	● Simplex packing; ● Reduce weight method packing; ● Batching scale.	● Duplex packing; ● Bulk Scale (Continuous weighing);
Function extension	Equipped with GMA-X1 automatic traction module, reduce workforce cost	

Dimension   Unit:mm
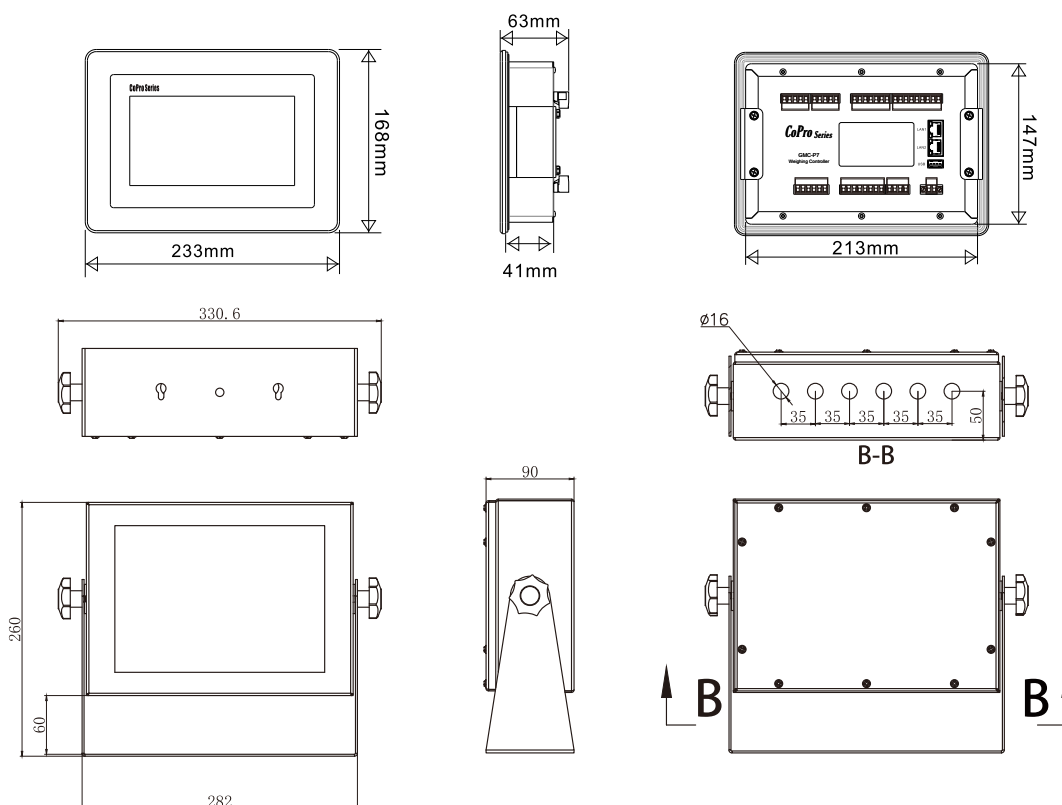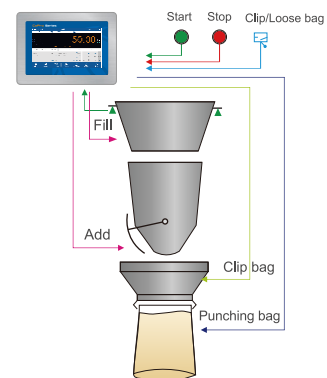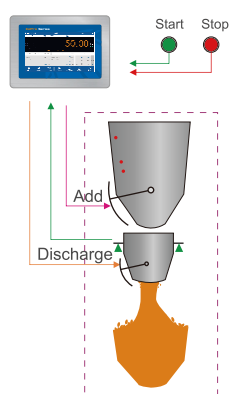
Application
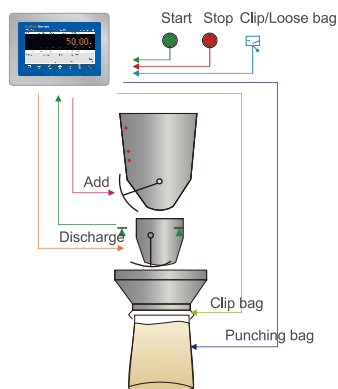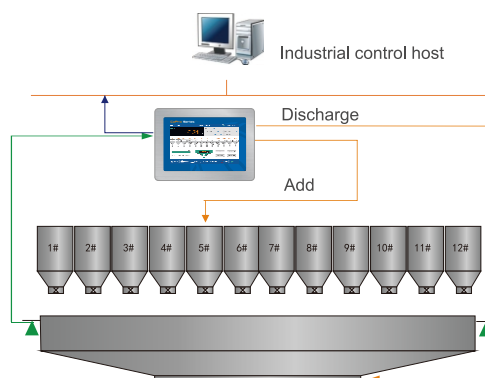

● Simplex Packing
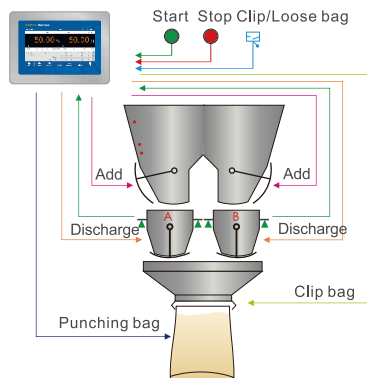
● Duplex Packing

● Reduce Weight Method Packing

● Bulk Scale (Continuous weighing)

● Batching Scale

General Measure Technology Co.,Ltd.

Address： Room2208, Block A, Building 6, Shenzhen International Innovation Valley, Nanshan District, Shenzhen, Guangdong Province, P.R.China.

Tel/Wechat： +86 185 6585 5789

E-mail: xjlv@szgmt.com

Website: www.gmweighing.com
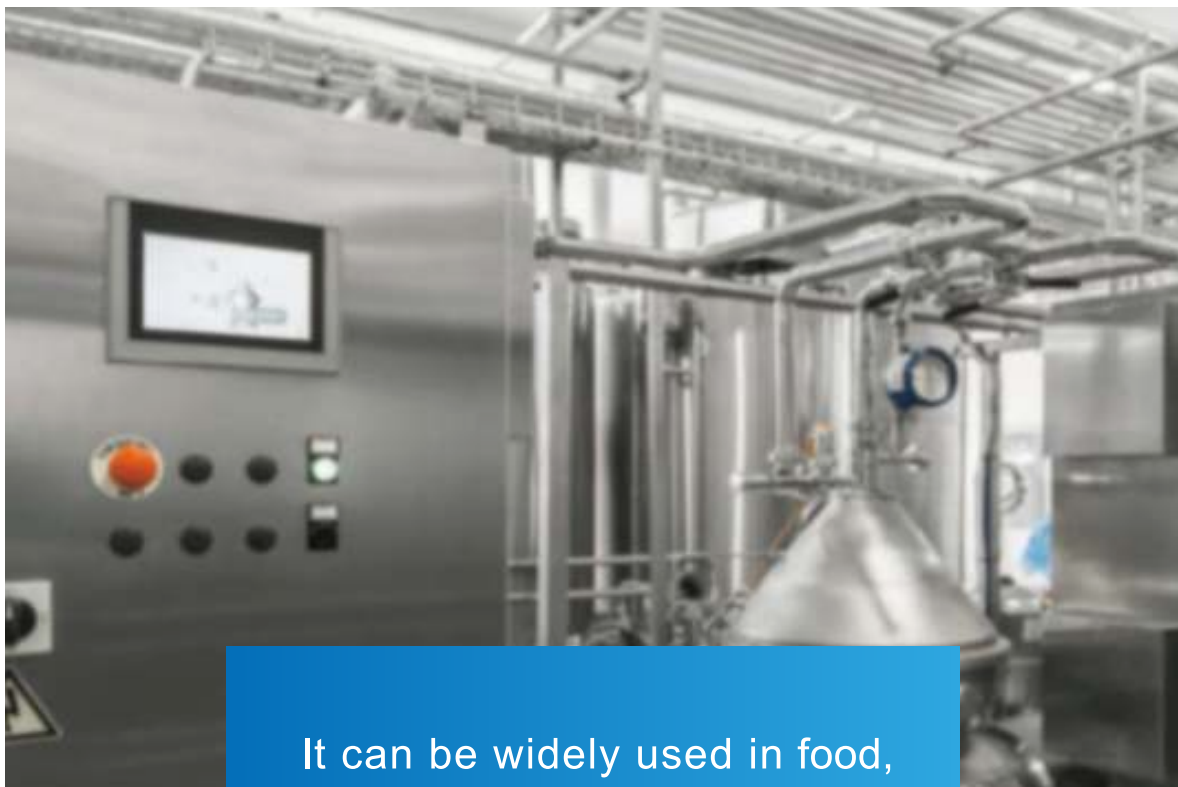
Linkedin   Facebook

GM9907 Series

Touch Screen Weighing Controller

Making the World Measurable
Linking Your Smart Life

It can be widely used in food, feed, seed, fertilizer, powder and other industries.
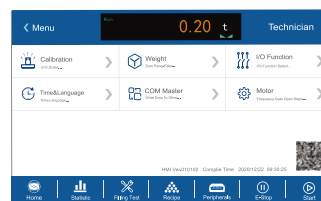
User-friendly Design, Easy Operation

- 7-inch Touch screen for displaying clearly and operating easily,simplex/duplex scale interface mode switching;
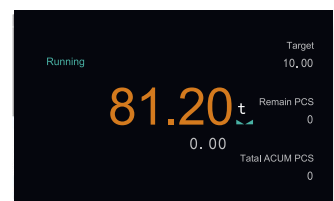- Different types of Home Screen for Different Application;

- All Parameter Matched and Displayed according to the Scale;
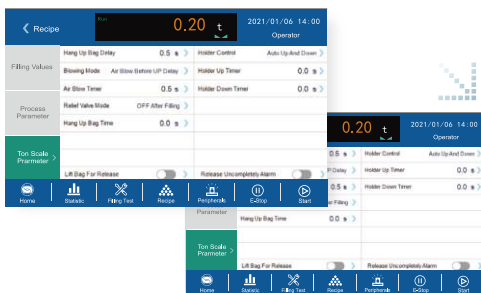
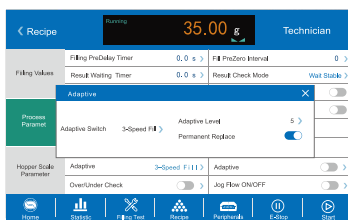- Modular design, guided step-by-step operation, one key switch;

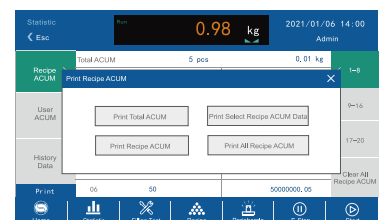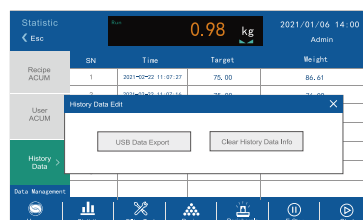- Screen Saver Displaying after the Set Time，Dynamic display of operating status and data;

Intelligent Function Design, Smart Operation

- Self-adaptive Function，Support a variety of scale structure mode；

- USB for importing and exporting data, upgrading software and customizing boot screen, etc.

- Host Mode: Can be Used as Industrial Control Panel to Configure PLC or Transducer.

GM9907-L2/LD

## Packing Controller
(L2:Simplex Packing   LD:Duplex Packing)

GM9907-L2/LD is the simplex/duplex packing controller , widely used for, granule packing scale, powder packing scale,big bag,valve type scale-cement, etc.
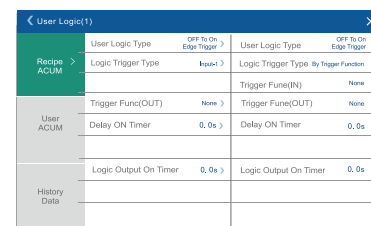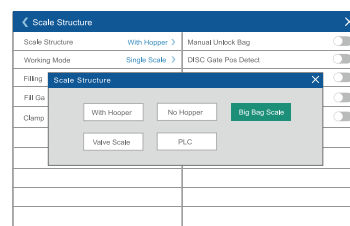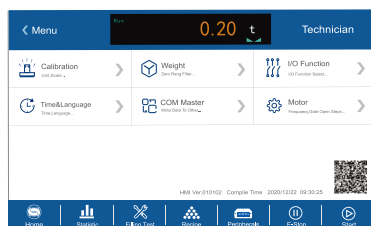
Version Features

User-Friendly · Better Experience

• Memory card build in, 7-inch Touch screen for displaying clearly and operating easily, Single/double scale interface mode switching;
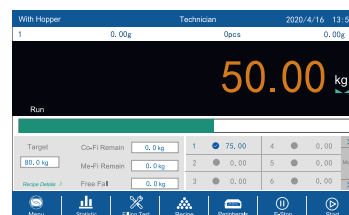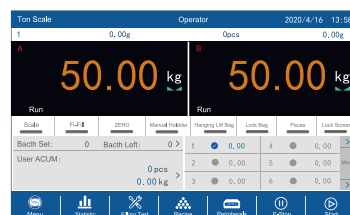
• **L2:** Simplex packing;   **LD:** Duplex packing; can be choosed, interface displayed accordingly;

• Multi-Mode: With Hopper, No Hopper, Big Bag Scale,Valve Scale,PLC;

• Self-Adaptive: I/O Programmable;

Communication

RS485+RS232

• For connecting PC,PLC,Printer,Label Printer, Remote Display,Code Printer,or other external devices,for reading and setup remotely;

USB

• For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;
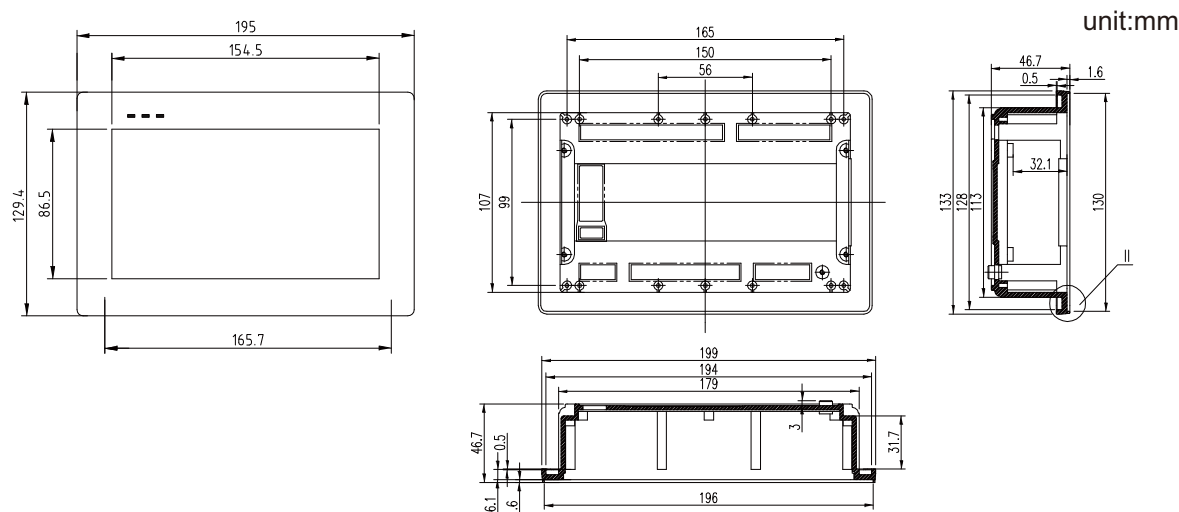
12 Input/16 Output

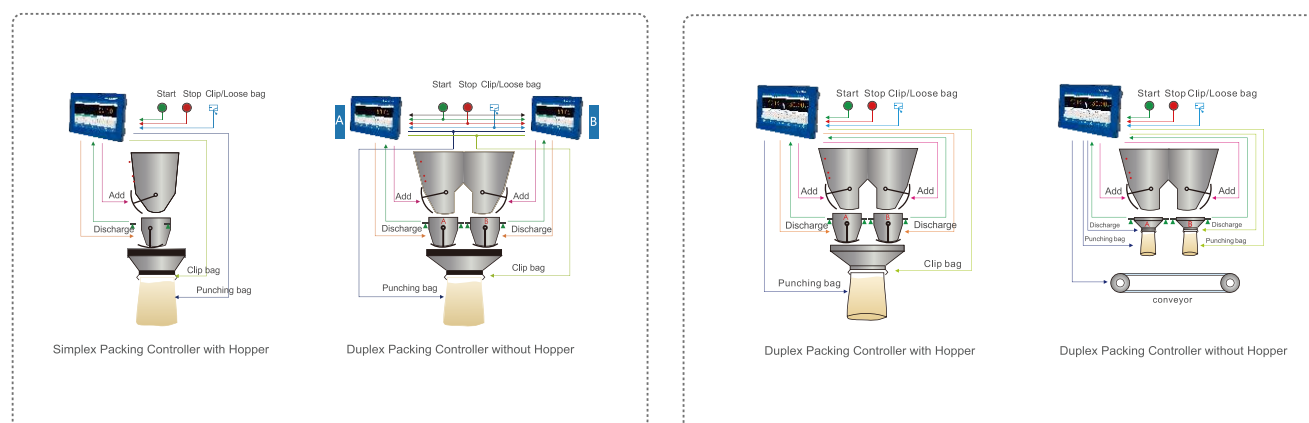• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;

Modbus TCP

• For connecting PC, PLC, Printers,etc., for reading remotely.

![GENERAL MEASURE]

Specification

Model		GM9907-L2/LD
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40℃
	Maximum Humidity	90%R.H without dew
	Test Standard	Class III 6000e,1μV/d
	Power Consume	About 15W
Measurement parameters	A/D converter type	24 bit Sigma-Delta
	A/D Conversion Rate	120/240/480/960 times /per second
	Non-Linear	0.01%F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02μV/d
	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.002~15mV（load cell 3mV/V）
I/O Interfaces and Communications	12 Input 16 Output, I/O Selectable	
	12 Input, Active-low	
	Start, Emergency stop, Stop, Zeroing, Clear alarm, Clear total ACUM, Bag Lock/Unlock, Manual discharge, Manual fine flow, Manual coarse flow, Change recipe, Empty material	
	16 Output, Single drive current 500mA	
	Run, Stopped, Coarse flow, Medium flow, Fine flow, Bag lock, Result waiting, Ready, Discharge, -NZ-, Pat bag, FILL, EMPT, Alarm, Batch complete, Over/Under	

unit:mm

Application Schematic Diagram

Simplex Packing Controller with Hopper

Duplex Packing Controller without Hopper

GM9907-L2

Duplex Packing Controller with Hopper

Duplex Packing Controller without Hopper

GM9907-LD
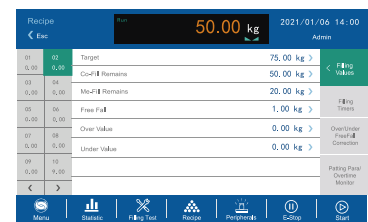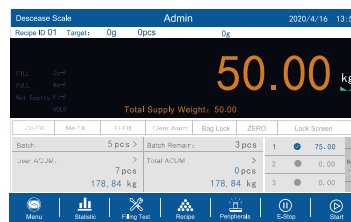
GM9907-L4

Reduce weight method packing controller

GM9907-L4 is designed for Loss-in-weight bagging machine.
It can be widely used in rice, grains, feeds, chemical industry, etc.

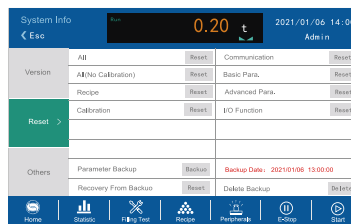## Version Features

User-Friendly · Better Experience

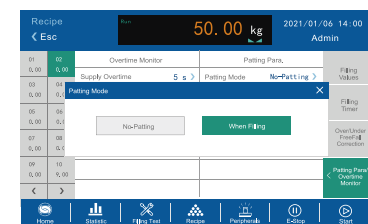• Memory card build in, 7-inch Touch screen for displaying clearly and operating easily;

• It can store 20 groups of recipes, 9 groups of users accumulation data;

• Data backup and recovery function can save the optimal parameters and improve the working efficiency;

• Starting Patting mode when filling material to shape bags by setting relevant parameter;

Communication

RS485+RS232

• For connecting PC,PLC,Printer,Label Printer, Remote Display,Code Printer,or other external devices,for reading and setup remotely;

USB

• For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;

• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;

Modbus TCP

• For connecting PC, PLC, Printers,etc., for reading remotely.

Specification

Model		GM9907-L4
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40℃
	Maximum Humidity	90%R.H without dew
	Test Standard	Class III 6000e,1μV/d
	Power Consume	About 15W
Measurement parameters	A/D converter type	24 bit Sigma-Delta
	A/D Conversion Rate	120/240/480/960 times /per second
	Non-Linear	0.01%F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02μV/d
	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.002~15mV（load cell 3mV/V）
I/O Interfaces and Communications	2 Input 16 Output, I/O Selectable	
	12 Input, Active-low	
	Start, Emergency stop, Stop, Zeroing, Clear alarm, Change recipe, Bag Lock/Unlock, Manual discharge, Manual fine flow, Manual coarse flow, Clear total ACUM, etc.	
	16 Output, Single drive current 500mA	
	Run, Stopped, Coarse flow, Medium flow, Fine flow, Bag lock, Result waiting, Pat bag, FILL, Batch complete, Supply full, Pause, etc.	

unit:mm
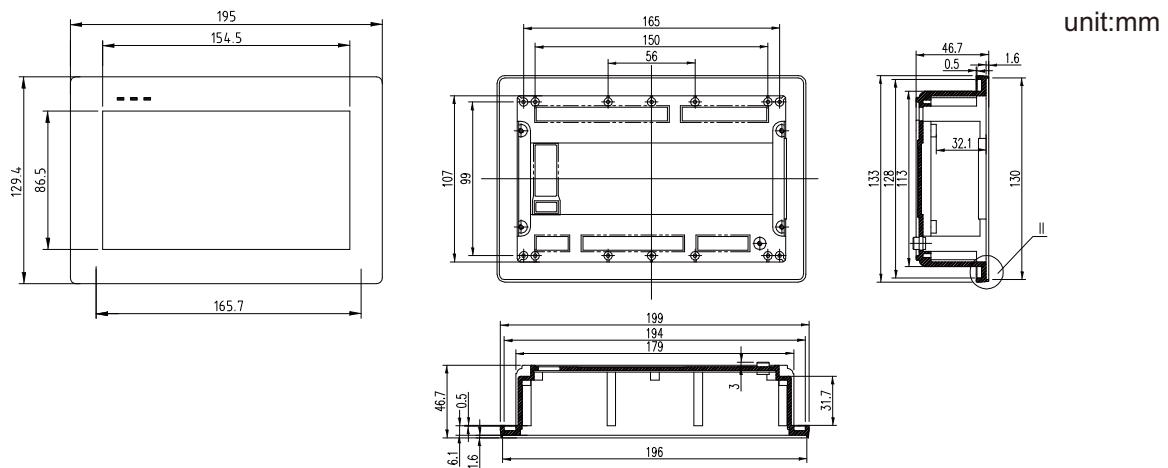
Application Schematic Diagram
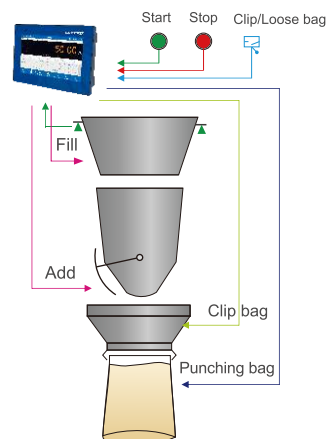
Reduce weight method packing

# GM9907-L5

Bulk Scale Controller
(Continuous Weighing)

GM9907-L5 is designed for bulk scale to solve the problem of batch weight and automatic totalizing of incoming and outgoing material. It can be used widely used in chemical, grain, feeds, construction and harbor logistics industry, etc.

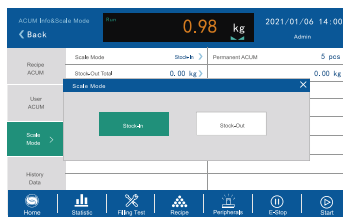## Version Features

User-Friendly · Better Experience

• Memory card build in, 7-inch Touch screen for displaying clearly and operating easily;
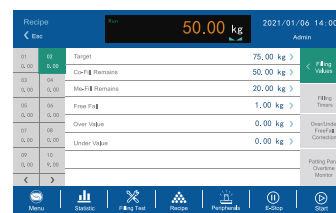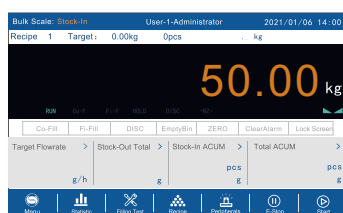
• Flow rate function can discharge material automatically and alarm when flow rate is low,which is more intelligent;

• Two scale mode: Stock-In or Stock-Out; Data information is more convenient to operate;

• Two packing mode: Motor or Pneumatic; Add/Discharge feed is more convenient;

Communication

RS485+RS232

• For connecting PC,PLC,Printer,Label Printer, Remote Display,Code Printer,or other external devices,for reading and setup remotely;

USB

• For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;

• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;

Modbus TCP

• For connecting PC, PLC, Printers, etc., for reading remotely.

Specification

Model	GM9907-L5
General Specification	
Power Supply	DC24V
Operating Temperature	-10~40℃
Maximum Humidity	90%R.H without dew
Test Standard	Class III 6000e,1μV/d
Power Consume	About 15W
Measurement parameters	
A/D converter type	24 bit Sigma-Delta
A/D Conversion Rate	120/240/480/960 times /per second
Non-Linear	0.01%F.S
Gain Drifting	10PPM/℃
Minimum Sensitivity	0.02μV/d
Analog Input Range	0.02~15mV
Display Accuracy	1/100,000
Power Source for Load Cell	DC5V 125mA(MAX)
Input Resistance	10MΩ
Zero Point Adjustment Range	0.002~15mV（load cell 3mV/V）
I/O Interfaces and Communications	
12 Input 16 Output, I/O Selectable	
12 Input, Active-low	
Start, Emergency stop, Stop, Zeroing, Clear alarm, Fill permission, Clogged, Manual fine flow, etc.	
16 Output, Single drive current 500mA	
Run, Stopped, Clogged, Coarse flow, Fine flow, Result waiting, Over/under, Alarm, Stock-out Done, Last feed, DISC, -NZ-, etc.	

unit:mm
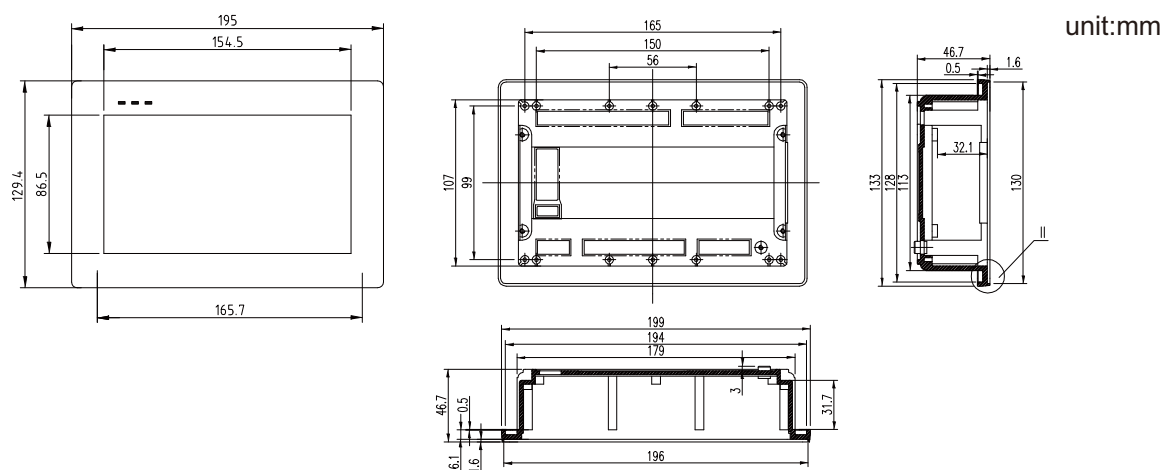
Application Schematic Diagram
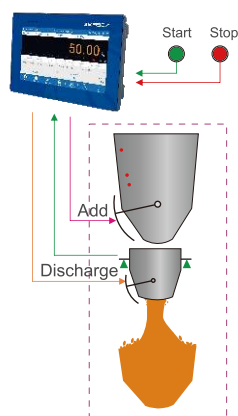
Continuous Weighing

GM9907-LB

Batching Scale Controller

GM9907-LB is designed for batching scale that can sort feeding orders of a variety of materials. It can be widely used in concrete mixing, bituminous mixing, metallurgy, chemical, feeds industry, etc.
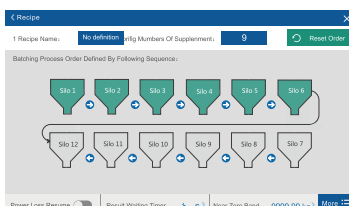
Version Features

User-Friendly · Better Experience

• Memory card build in, Dynamic batching process can be graphically displayed for better understanding and monitoring;.
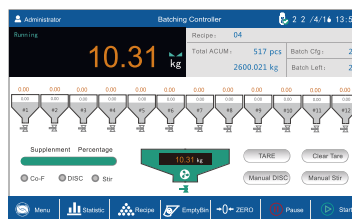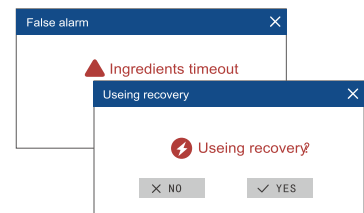
• Support the batching of 12 kinds of materials. It can be customized according to the batching process sequence, which is flexible to use;

• The working process is clear. Feeding value and time of the material can be set, and real-time feeding dynamic can be displayed;

• User-friendly design: Save function when power down and monitoring alarm function;

Communication

RS485+RS232

• For connecting PC,PLC,Printer,Label Printer, Romote Display,Code Printer,or other external devices,for reading and setup remotely;

USB

• For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;

12 Input/16 Output

• For staring, stopping, feeding, unloading, clamping/loosening bags,etc；

Modbus TCP

• For connecting PC, PLC, Printers,etc., for reading remotely.

Specification

Model		GM9907-LB
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40℃
	Maximum Humidity	90%R.H without dew
	Test Standard	Class III 6000e,1μV/d
	Power Consume	About 15W
Measurement parameters	A/D converter type	24 bit Sigma-Delta
	A/D Conversion Rate	120/240/480/960 times /per second
	Non-Linear	0.01%F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02μV/d
	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.002~15mV（load cell 3mV/V）
I/O Interfaces and Communications	12 Input 16 Output, I/O Selectable	
	12 Input, Active-low	
	Start, Emergency stop, Stop, Pause, ZERO, Clear alarm, Change recipe, M-DISC permission, TARE, Clear tare, Manual stir, etc.	
	16 Output, Single drive current 500mA	
	Run, Stopped, Coarse flow, Medium flow, Fine flow, Result waiting, Over/under, DISC, -NZ-, Alarm, Stir, etc.	

unit:mm

Application Schematic Diagram

Batching, up to 12 materials
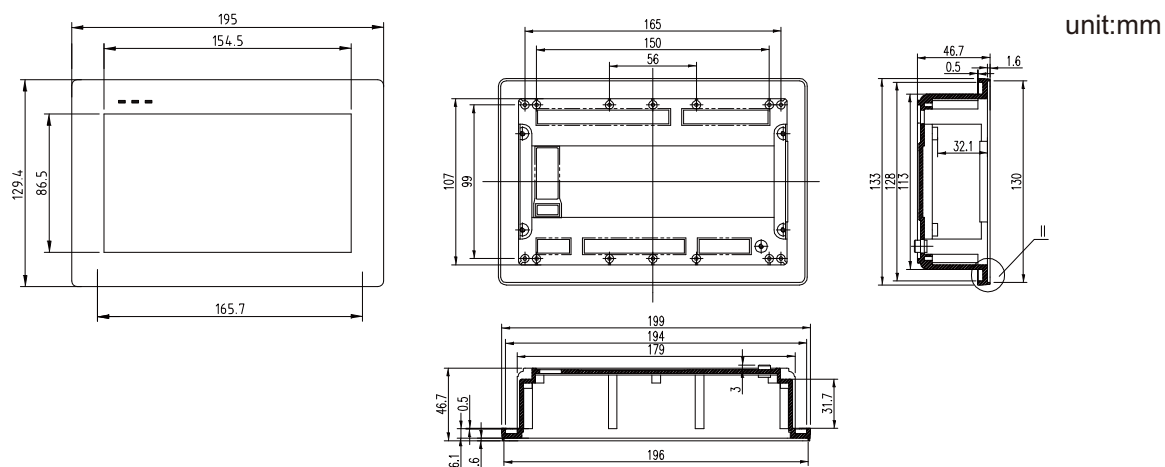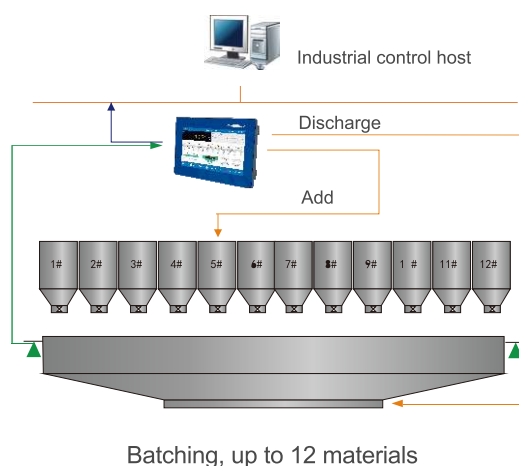
Highly Durable
Remote Display

Highly Visible
Easy-to-read display

Remote display is a outdoor truck scale remote display of highest quality with full stainless steel body with IP65 standard, which is the world's first ultra light LED display with wide viewing angle of 150 degrees and crystal clear under sunlight.

Durable with High Quality

- Stainless steel outer casing;
- IP65 dustproof and waterproof;
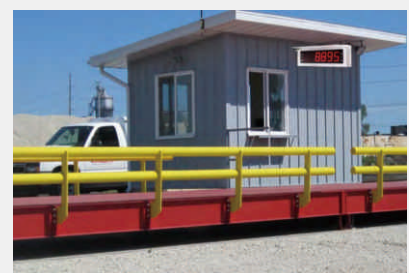- Equipped with 2 IN 3 OUT I/O module.

Elegant Design

- Double-row high-intensity LED display;
- Super wide range at 170 degree angle of view.

Flexible and Easy to Use

- Support more than 30 kinds of communication protocols;
- Masterful mechanical design to be installed simply;
- Communication by RS232 or RS485 or electronic current loop;
- Wireless communication(optional).

Remote Display GM8892

High Clarity LED Remote Display for Truck Scales

Remote Display GM8895

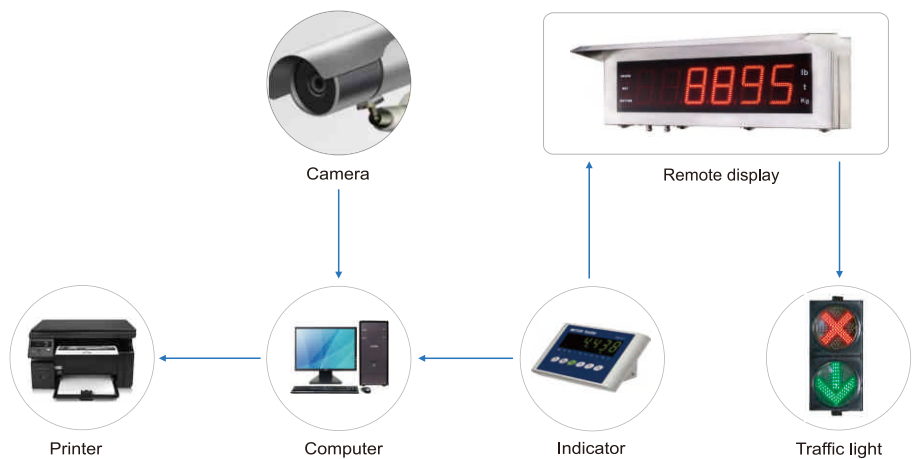High Clarity LED Remote Display for Truck Scales

GM8892 and GM8895 are designed for outdoor truck scale with stainless steel outer casing, IP65 standard, and highest quality guarantee. The ultra bright LED provides high visibility with 170 degrees viewing angle even under blazing sunlight.

Communication

Our remote display offer unmatched flexibility with smart data recognition system compatible with indicators for truck scales, such as AD-4321, AD-4323, TOLEDO, Fairbanks, R2500, UMC600, GSE50 serial, Rinstrum, WI-125,WI-127, Df1500 etc.

Camera

Remote display

Printer

Computer

Indicator

Traffic light

Standard specification

| Model	GM8892	GM8895
INDICATOR POWER		
Power Supply	90V ~ 260V AC 50Hz(or 60Hz)±2%	90V ~ 260V AC 50Hz(or 60Hz)±2%
Power Consume	20W	40W
DISPLAY		
Display	6 digits, 7 segments, Ultra bright LED	6 digits, 7 segments, Ultra bright LED
Digits Size	2.5"	5.0"
LED Indicators	3 LED, Gross, Net, Motion	3 LED, Gross, Net, Motion
Visible angle	10 degree to 170 degree	10 degree to 170 degree
ENVIORNMENTAL		
Operating Temperature	-10℃ to 40℃	-10℃ to 40℃
Storage Temperature	-25℃ to 70℃	-25℃ to 70℃
Humidity	90% R.H without dew	90% R.H without dew
IP Level	IP65	IP65
MECHANICAL DATA		
Dimensions with sun shelter	582×228×200 (L×W×H)	905×295×258 (L×W×H)
Dimensions without sun shelter	578×226×76 (L×W×H)	900×280×107 (L×W×H)
Weight	Approx. 8kgs	Approx. 16kgs
Certification	CE	CE
Enclosure	stainless steel	stainless steel
COMMUNICATION		
Interface	RS485/RS232; Current Circle; Wireless(Optional)	
INIDICATOR SUPPORTED		
AD-4321, AD-4323, TOLEDO&Fairbanks, R2500, UMC600, GSE50 serial, Rinstrum, WI-125, WI-127, DF1500		

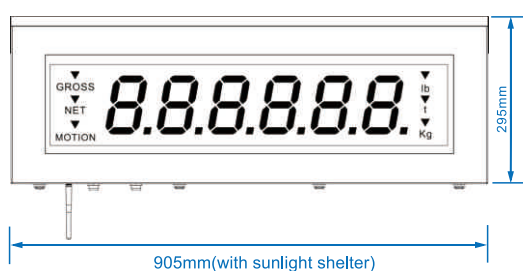# Dimensions   Unit:mm

GM8892
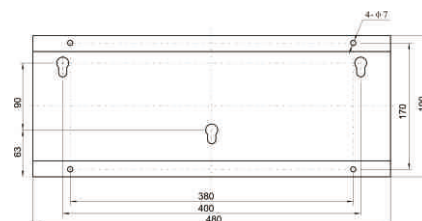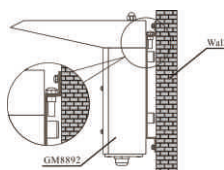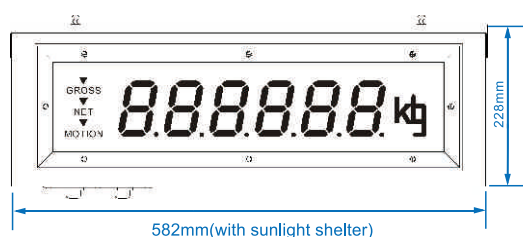
GM8895
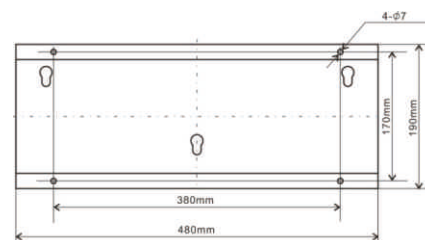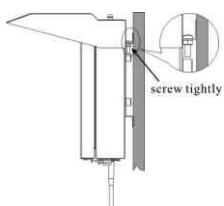
ChexGo Series
Dynamic Checkweigher

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

Indicator Light
Makes the weight result more visible.

10-inch touch screen
10-inch color user friendly touch screen and graphical design interface.

100.00

Control System
30+ years'experience in inventing and innovating.

Feet
Designed feet for preventing vibration with flexible margin adjustment.

Module design for troubleshooting, maintenance and change parts.

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.
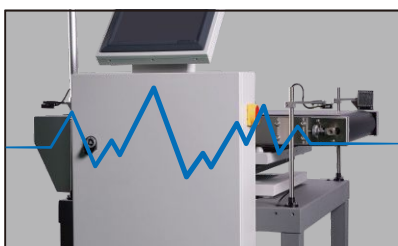
Adjustable material orientation guider

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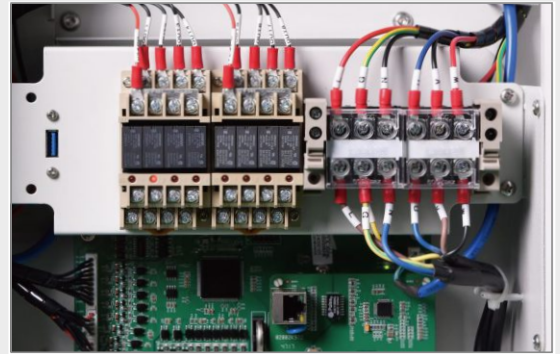• S304 Stainless steel.

Anti-corrosion paint protection

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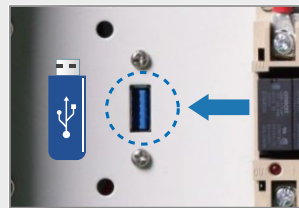
Abundant function, easy integration

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

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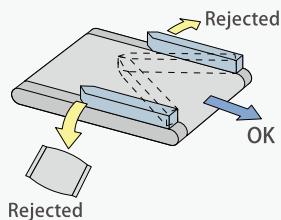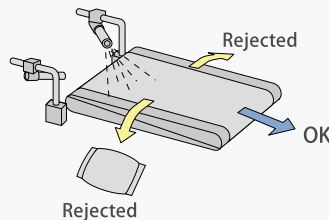
USB Memory Port

• Data acquisition;
• Program update.

Multi-type Rejector

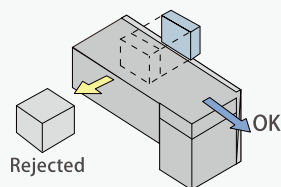Multi-Rejector option, flap method, swing arm, push type – flexible design.
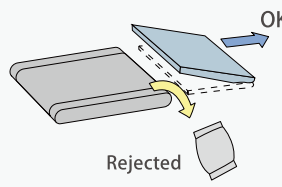
Arm Rejector

Rejected
OK
Rejected

Air Jet Rejector

Rejected
OK
Rejected

Push Plate Rejector

OK
Rejected

Drop Up Belt Rejector
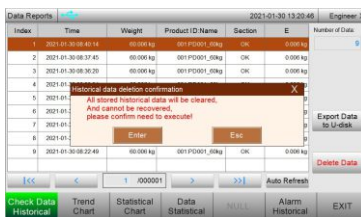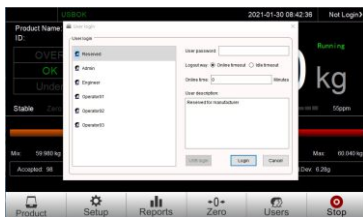

OK
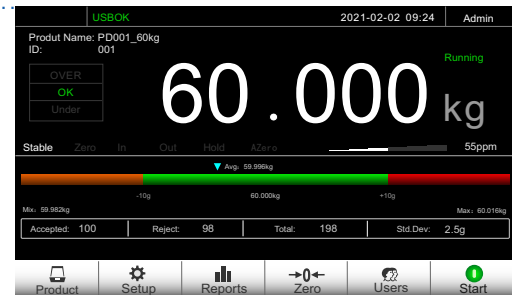Rejected

User-friendly design

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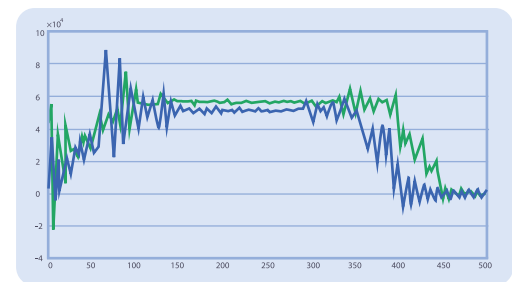

- A million product formula storage. Users/Admin can easy add or delete data.

- 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.
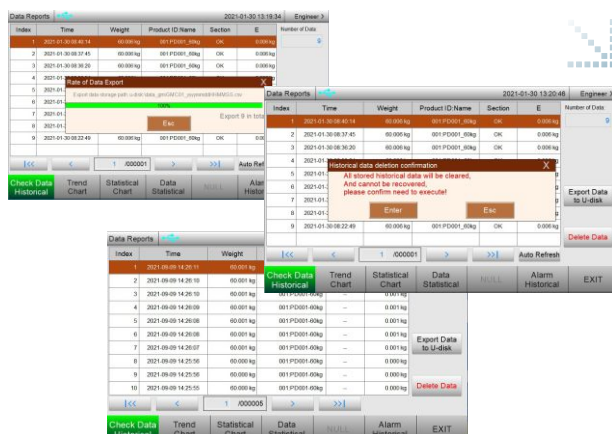

▲ Weighing sampling waveform
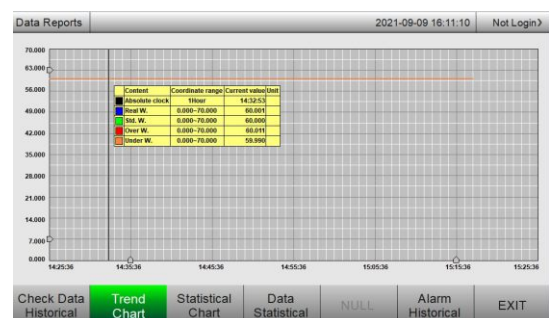
Traditional waveform —— Now waveform

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' weight conditions from the macro prespective.

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
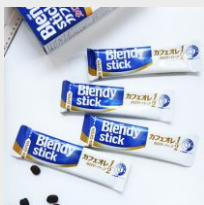
Food   Pharmacy   Accessories

### 1-500g
Weighing range

±0.1g
Accuracy

180+ Pcs/min
Speed

Standard specification

Model	CW-100G
Weighing range	1~500g
Scale division	0.05g
Highest Accuracy(3σ) *	±0.1 g
Highest Weighing speed *	180 pcs/min
Belt speed	5~60 m/min
Belt size	250×100mm
Weighing platform Height **	750±50mm
Tested object size	Length：50~180mm Width：20~80mm Height：10~150mm
Belt material	PVC（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℃
IP grade	IP54

*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
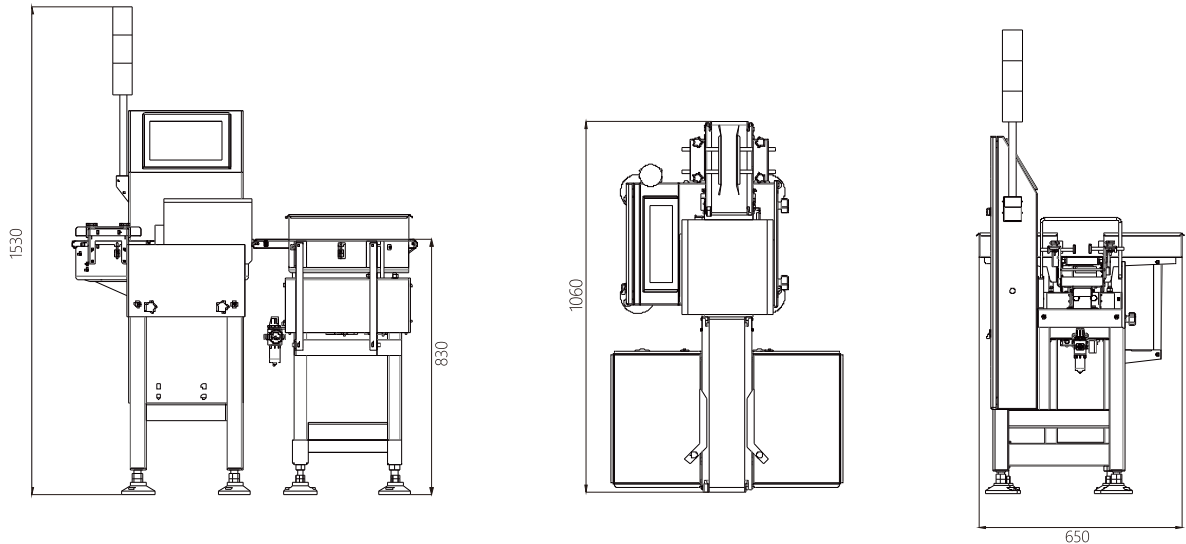
DYNAMIC CHECKWEIGHER
CW-100G Pro

- 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
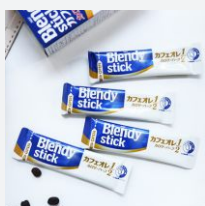
Food

Pharmacy

Accessories

1-500 g
Weighing range

±0.1 g
Accuracy

300 + Pcs/min
Speed

Stable Performance

Easy Installation

Abundant Function

Weighing Accurate

Core components

● MCGS Touch Screen
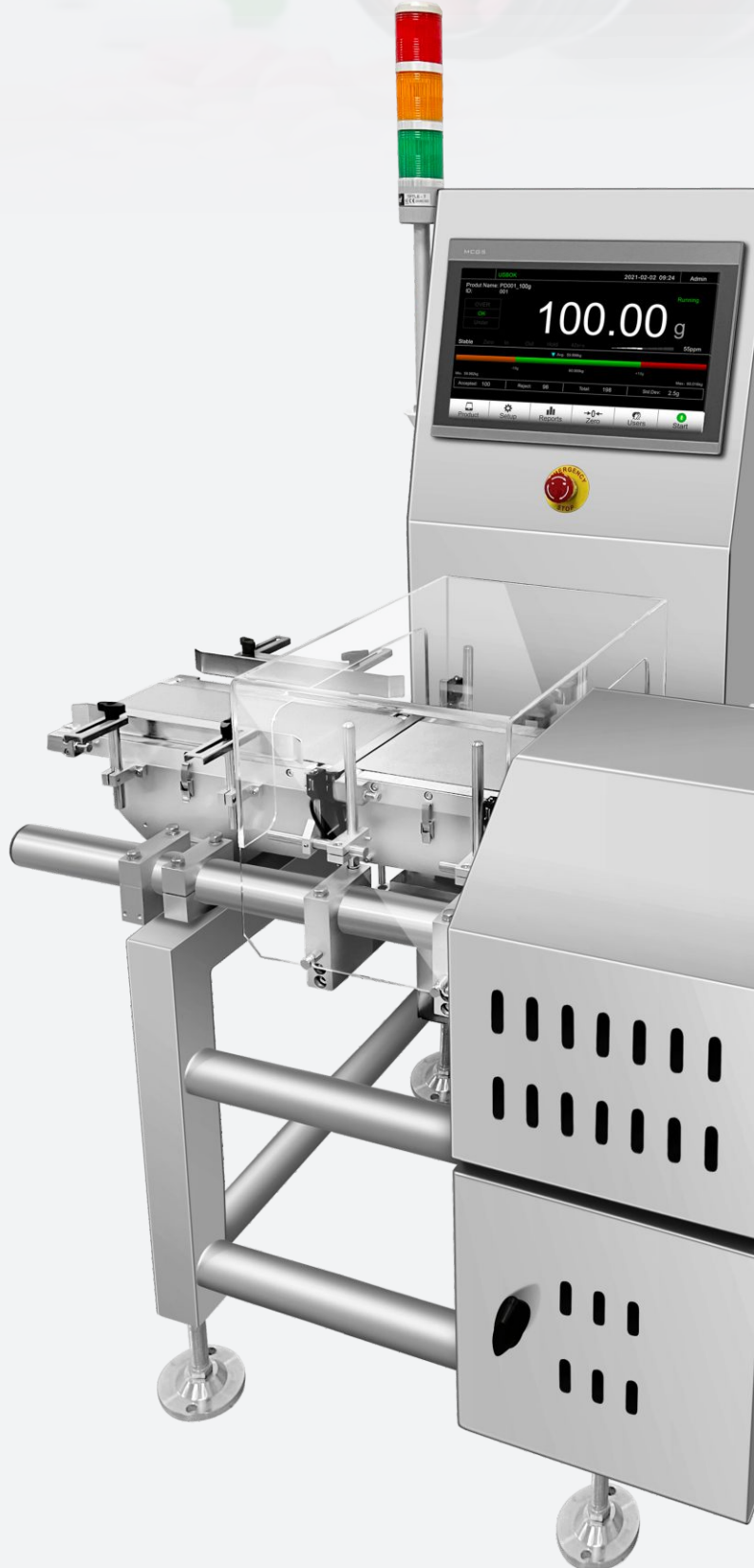

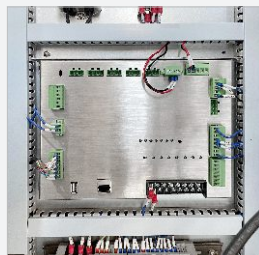● XINJE Servo Motor

● NSK Bering

● Schneider Electronic

● HBM Load Cell

●FESTO Solenoid Valve

● GMC01 Controller

Standard specification

Model	CW-100G Pro
Weighing range	1~500g
Scale division	0.05g
Highest Accuracy(3σ) *	±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	PVC（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
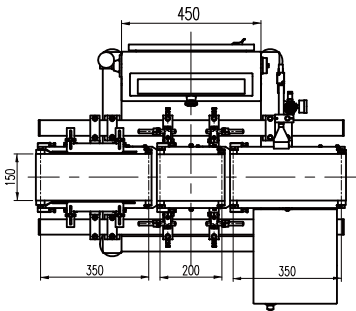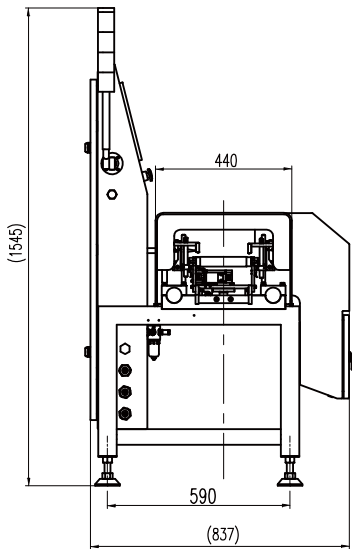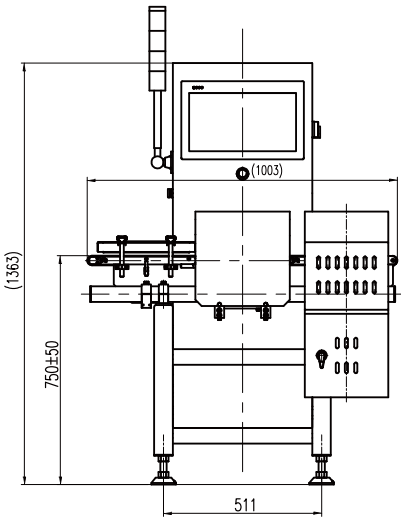
DYNAMIC CHECKWEIGHER
CW-600G

- 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

Accessaries

10-600$_g$
Weighing range

±0.5$_g$
Accuracy

200$_{+ Pcs/min}$
Speed

Standard specification

Model	CW-600G
Weighing range	10~600g
Scale division	± 0.1g
Highest Accuracy(3σ) *	0.5g
Highest Weighing speed *	200 pcs/min
Belt speed	5~60 m/min
Belt size	310×250mm
Weighing platform Height **	750±50mm
Tested object size	Length： 50~240mm Width： 20~150mm Height： 10~180mm
Belt material	PVC（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℃
IP grade	IP54

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

Dimensions

Unit:mm
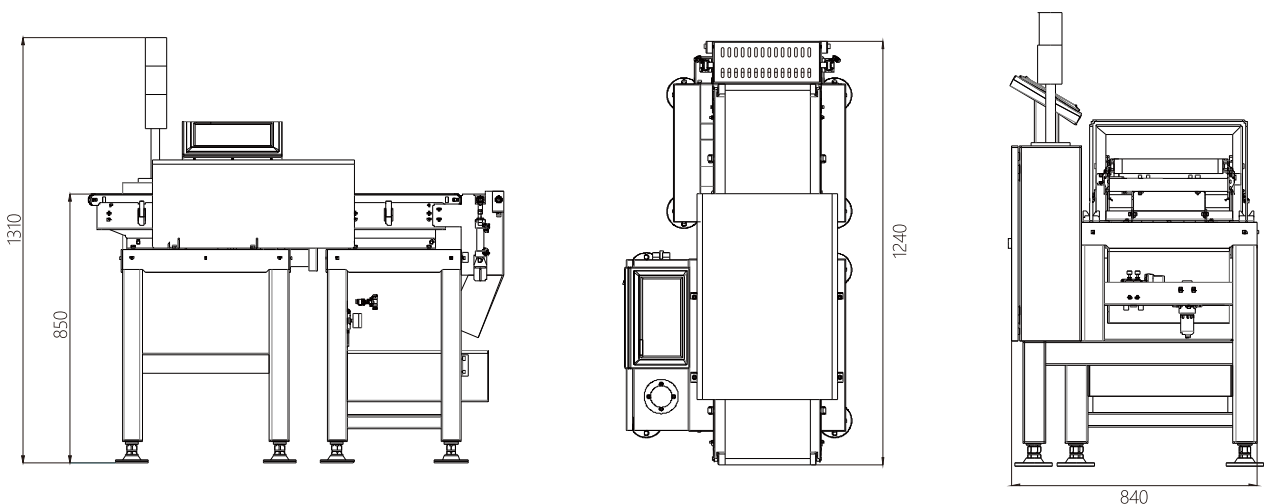
DYNAMIC CHECKWEIGHER
CW-1.2K

- 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;
- High speed at 150 pcs per min, with 0.5 gram.

Multiple industrial application

Food

Grain

Chemical

10-1200$_g$
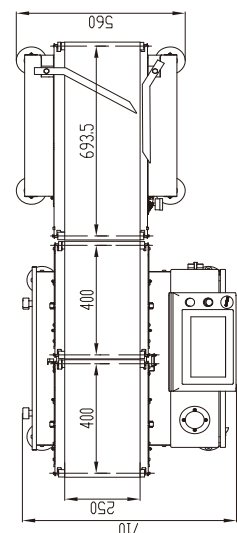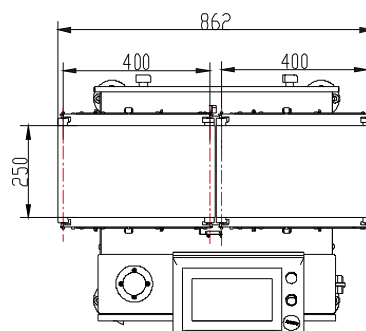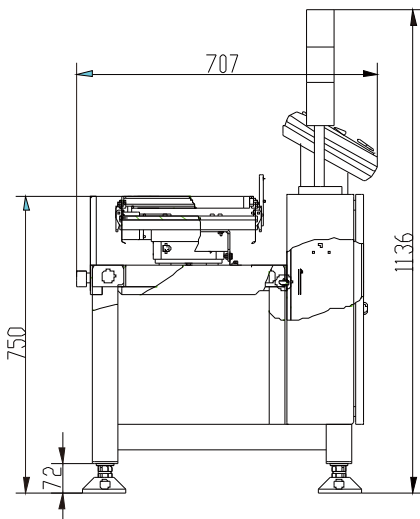Weighing range

±0.5$_g$
Accuracy

120$_{+Pcs/min}$
Speed

Standard specification

Model	CW-1.2K
Weighing range	10~1200g
Scale division	0.1g
Highest Accuracy(3σ) *	± 0.5g
Highest Weighing speed *	120 pcs/min
Belt speed	5~50 m/min
Belt size	400×250mm
Weighing platform Height **	750±50mm
Tested object size	Length: 50~300mm　Width：20~220mm　Height：10~220mm
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℃
IP grade	IP54

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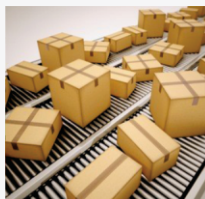
Dimensions

Unit:mm

DYNAMIC CHECKWEIGHER
CW-6K

- CW-6K check weigher is suitable for product weight range from 0.5-6kg.
- Weighing accuracy is within ±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.

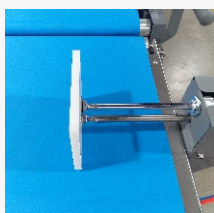## Multiple industrial application

Feeds

Logistic

Automation production line

0.5-6kg
Weighing range

## ±2g
Accuracy

100+Pcs/min
Speed

Standard specification

Model	CW-6K
Weighing range	0.5~6kg
Scale division	1g
Highest Accuracy(3σ) *	±2g
Highest Weighing speed *	100+pcs/min
Belt speed	10~50m/min
Belt size	500*400mm
Weighing platform Height **	750±50mm
Tested object size	Length100~420mm, Width50~400mm, Height50~400mm
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: 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
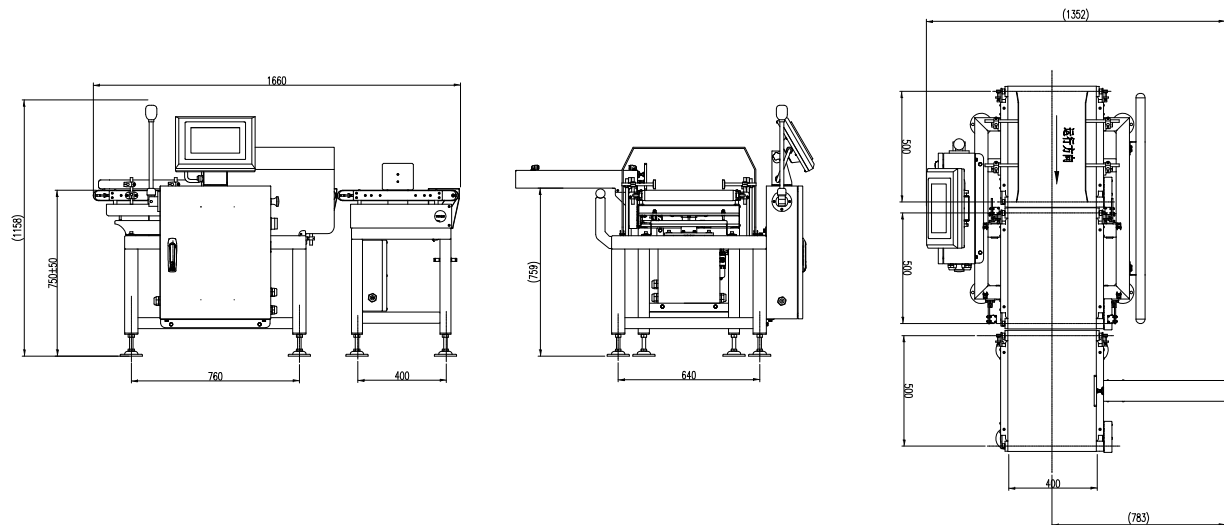
General Measure Technology Co.,Ltd.

Address：Room2208, Block A, Building 6, Shenzhen International Innovation Valley,
Nanshan District, Shenzhen, Guangdong Province, P.R.China.
Tel/Wechat：+86 185 6585 5789
E-mail: xjlv@szgmt.com
Website: www.gmweighing.com

Linkedin   Facebook   Wechat

DYNAMIC CHECKWEIGHER

CW-15K

- Heavy load, for product weight up to 15kg, with accuracy under 5 grams;
- For pouches, bags, and soft-sided containers, bottles;
- Easy to operate with in inch screen, can store 100 different products;
- With different rejector option, can also integrate with metal detector.

Multiple industrial application

Seed

Logistic

Automation

## 0.1-15 kg
Weighing range

± 5 g
Accuracy

110 + Pcs/min
Speed

Standard specification

Model	CW-15K
Weighing range	0.1~15kg
Scale division	1g
Highest Accuracy(3σ) *	±5 g
Highest Weighing speed *	110 pcs/min
Belt speed	8~90 m/min
Belt size	800×500mm
Weighing platform Height **	750±50mm
Tested object size	Length: 100~600mm Width：50~450mm Height：50~500mm
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	optional
Power	Single Phase AC-220V ±10%, 50/60HZ
operating temperature	0~40℃
IP grade	IP54

* Depend on the weight, size, and material of test object. Test accuracy:5g at 120pcs/min

Dimensions

Unit:mm

750±50

630
888

730
965

800

500
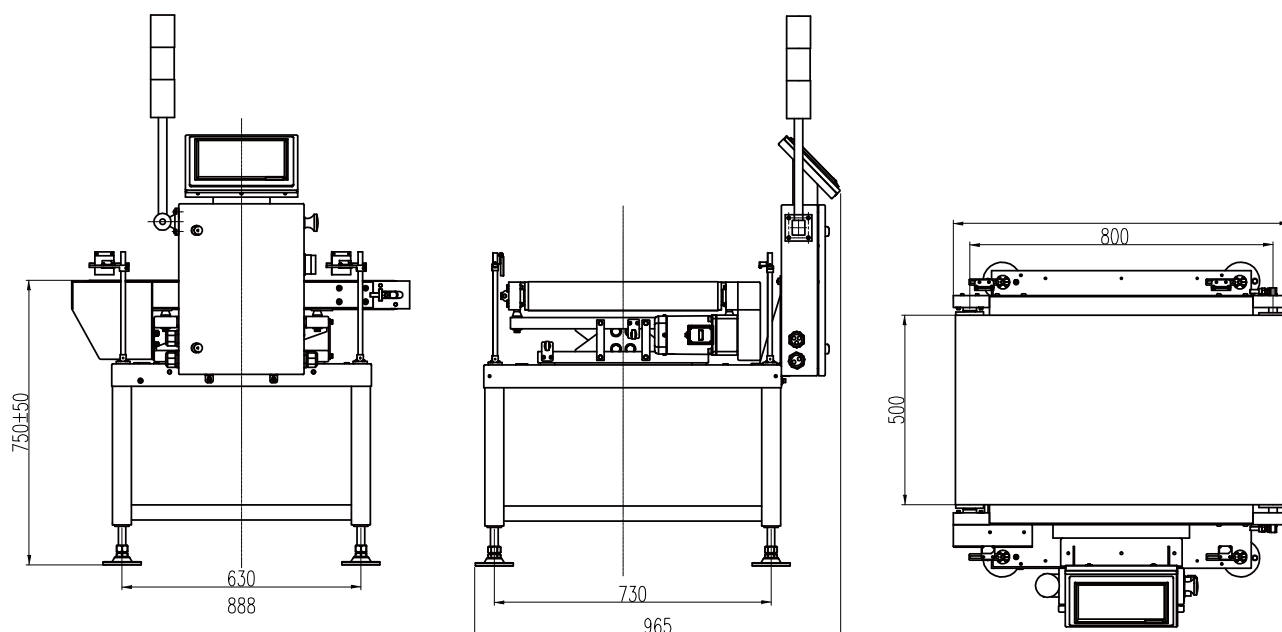
DYNAMIC CHECKWEIGHER
CW-60K

- 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

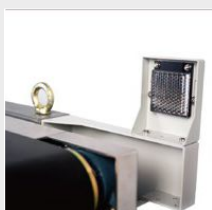Logistic

Automation

Grain and feeds

0.1-60kg
Weighing range

## ±10g
Accuracy

60+Pcs/min
Speed

Standard specification

Model	CW-60K
Weighing range	0.1~60Kg
Scale division	5g
Highest Accuracy(3σ) *	± 5 g
Highest Weighing speed *	60pcs/min
Belt speed	10~60m/min
Belt size	1000/1200×600mm
Weighing platform Height **	400~750mm（±50mm）
Tested object size	Length:100~800/1000mm Width: 50~600mm Height: 50~600mm
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	optional
Power	Single Phase AC-220V ±10%, 50/60HZ
operating temperature	0~40℃
IP grade	IP30

* Depend on the weight, size, and material of test object. Test accuracy: 5g at 30pcs/min; 10g at 60pcs/min.

Dimensions

Unit:mm
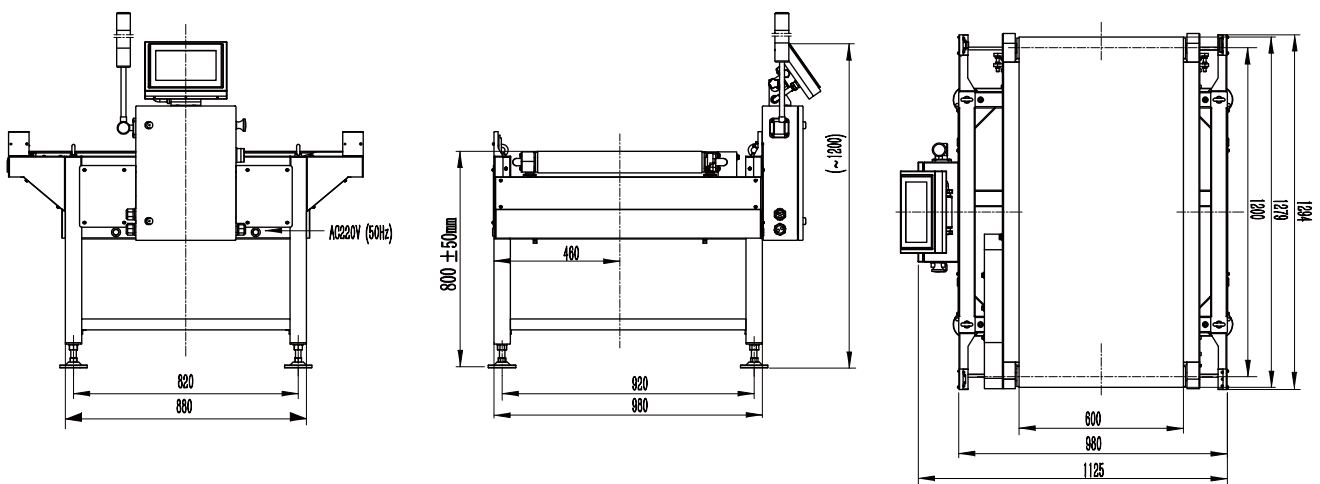
VERTICAL CHECKWEIGHER
CW-60K-V

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;
- Weighing range: 5~60kg, weighing accuracy is within ±20g;

Multiple applications
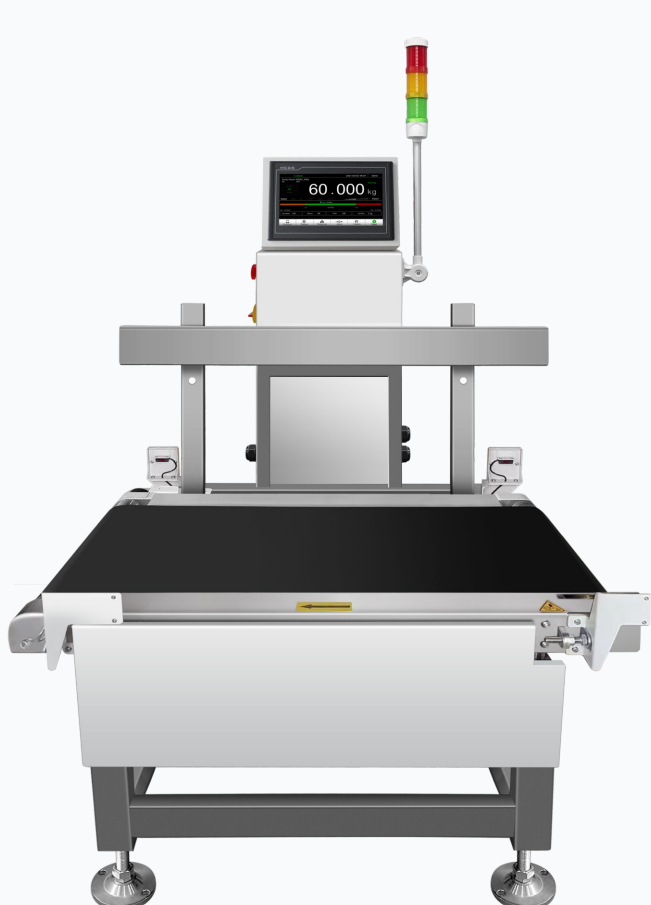
Standard

Economy Type

Specification

Model	CW-60K-V	CW-60K-V Economy Type
Power	AC220V±10%, 50/60Hz, 1KW	AC220V±10%, 50/60Hz, 1KW
Weighing Range	5~60kg	5~60kg
Highest Accuracy*	±10g	±20g
Highest Speed*	≤50pcs/min	≤30pcs/min
Tested Object Size	Length: 100~600mm,	Length: 100~600mm,
	Width: 50~400mm	Width: 50~400mm
	Height: 50~600mm	Height: 50~600mm
Belt Speed	40m/min	40m/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	10-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

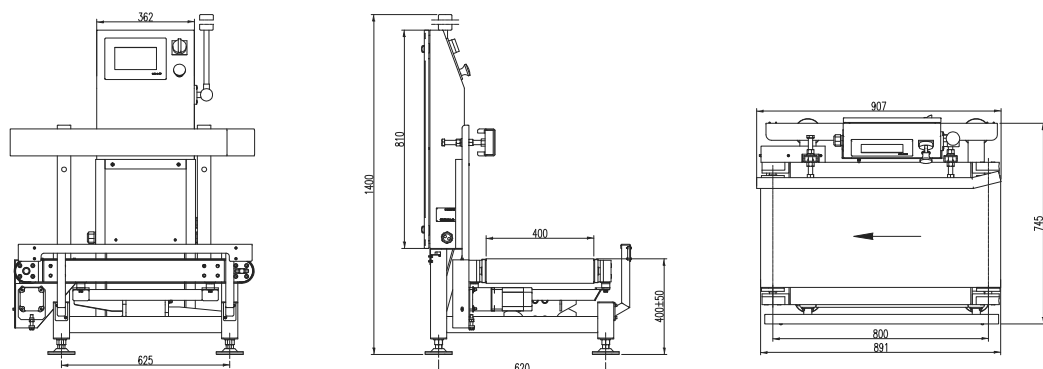*It depends on the features of tested object, such as size and weight.

Dimensions

Unit:mm

Standard
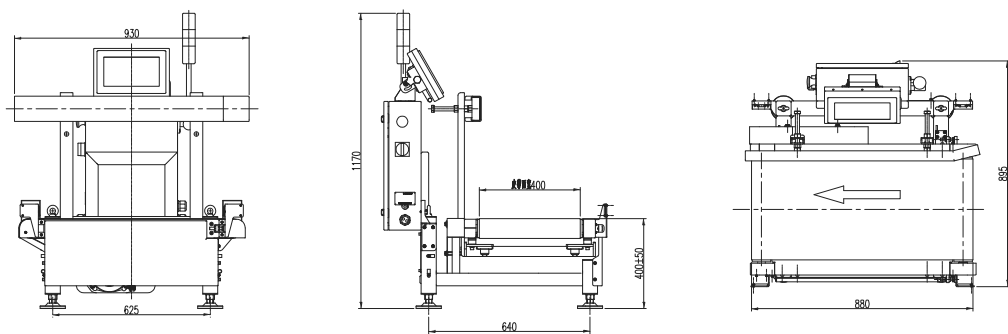
Economy Type

WEIGHT CHECK & SORTING MACHINE

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

10-1200$_g$
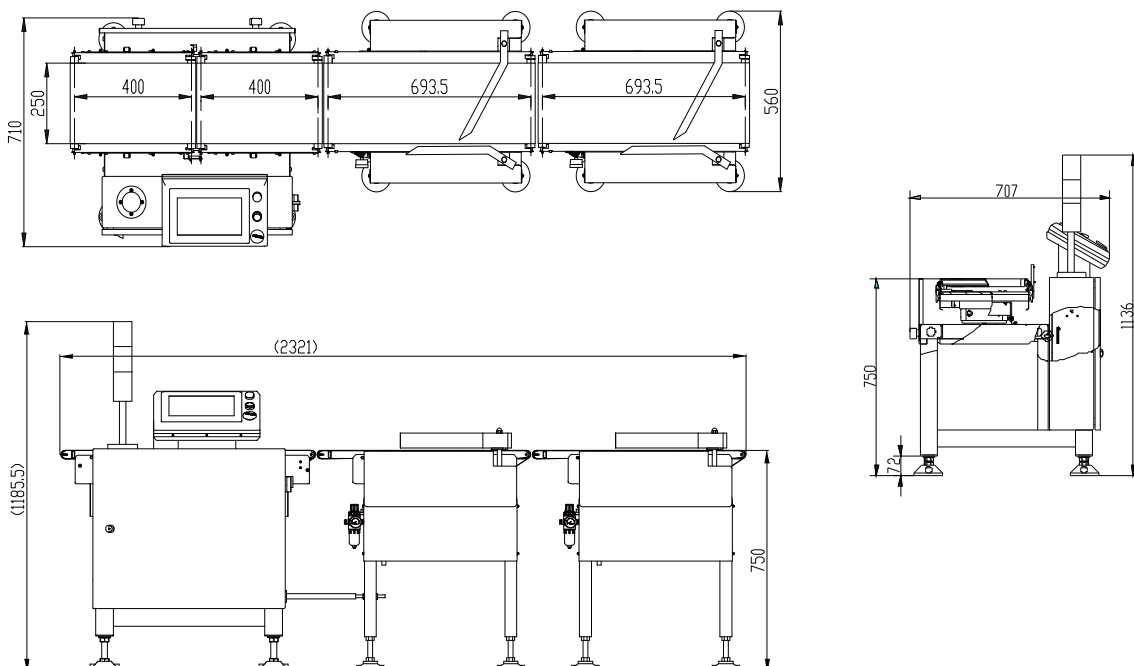Weighing range

±0.5$_g$
Accuracy

120$_{+}$ Pcs/min
Speed

Specification

Model	CW-1.2K
Weighing range	10~1200g
Scale division	0.1g
Highest Accuracy(3σ) *	± 0.5g
Highest Weighing speed *	120 pcs/min
Belt speed	5~50 m/min
Belt size	400×250mm
Weighing platform Height **	750±50mm
Tested object size	Length: 50~300mm Width：20~220mm Height：10~220mm
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℃
IP grade	IP65

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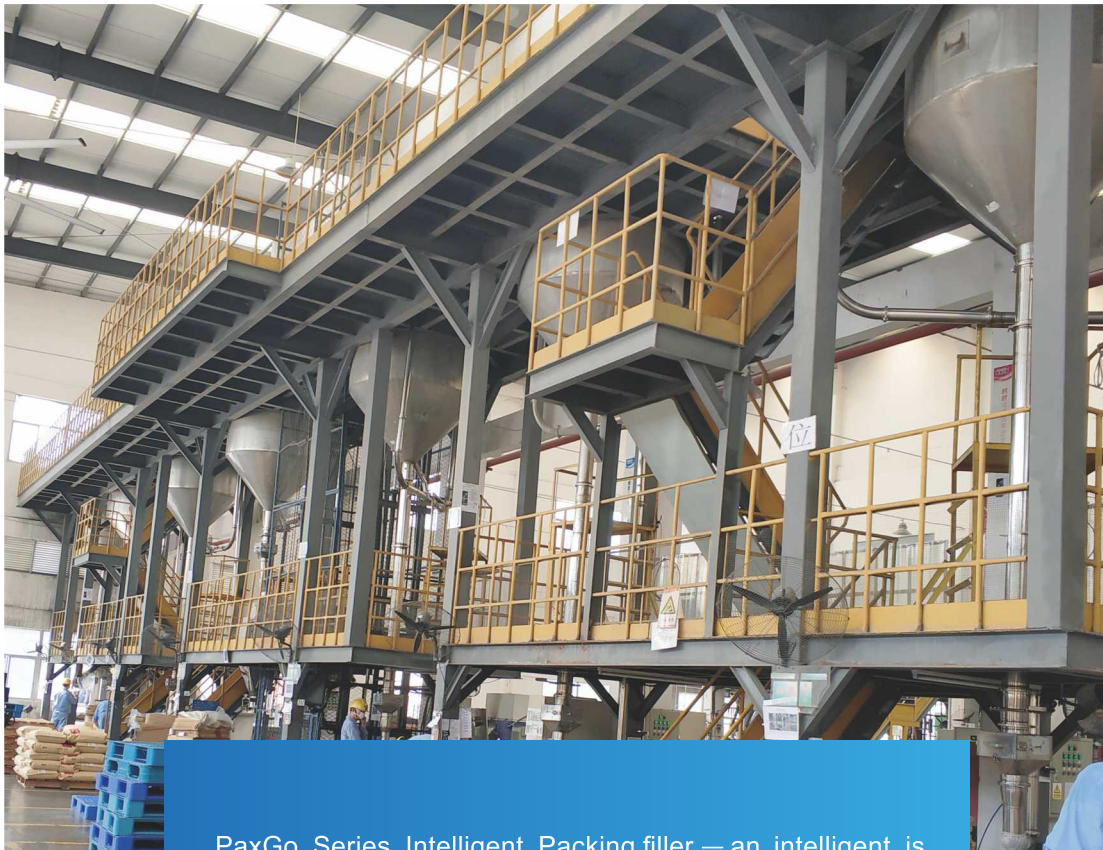
Dimensions

Unit:mm

PaxGo Series

Intelligent Packing Filler

Making the World Measurable
Linking Your Smart Life

PaxGo Series Intelligent Packing filler — an intelligent is widely used for granule packing.

PaxGo Series

Intellingent Packing Filler

Easy Operation

Automated Control

Accurate Weighing

High Efficiency

PaxGo is an automatic weigh filler its self-optimizing controls can be precisely configured to your specific material flow, speed and accuracy requirements.

Features:

- Specially designed for granular products like Rice, Pulses,Plastic Granules, Animal Feed, Maize,Soybeans,Seeds , sugar and other granular material;
- Equipped with self optimizing intelligent program for high speed operation;
- Accuracy range ±2g;
- Models available in 0.25-5kg, 0.5-10kg, 5-25kg, 10-50kg;
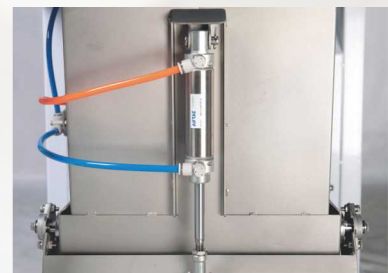- Speeds up to 16 Bags per minute.

Industrial Design

Special design for industrial application, high speed and accuracy.
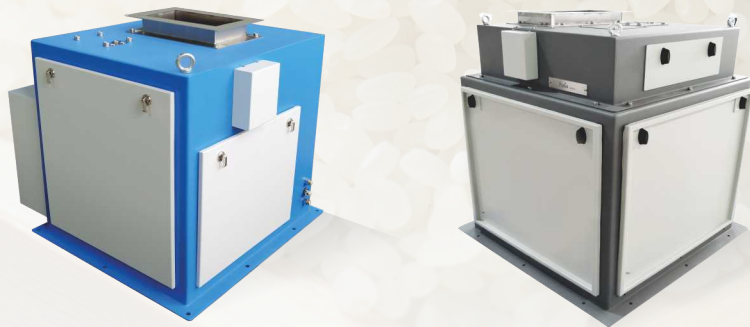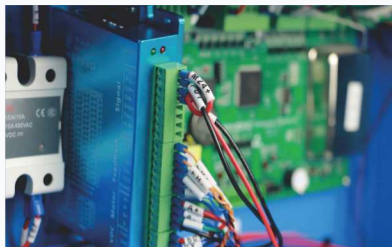
User-friendly Design

- The food contacting materials are all made of S304 stainless steel and can be used for food packaging;
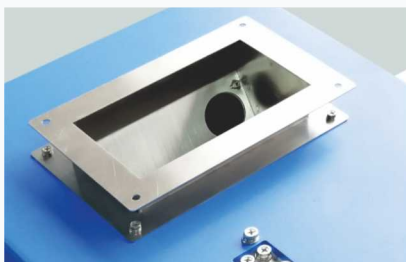- International premium brand components ensure the product quality.

Communication interface

- Dual serial port RS232/RS485;
- Standard Ethernet port;
- Modbus TCP/IP;
- 4G/5G Communication (Optional).

Module Design

Easy installstion and dismounting for washing down.

Servo Motor

For feeding control achieves intelligent auto adjustment fast and accurately.
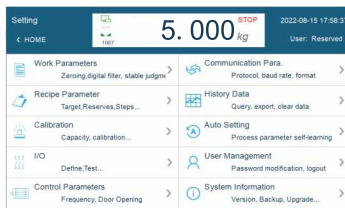
USB

Embedded USB for exporting data conveniently and system upgrading.

User-friendly design

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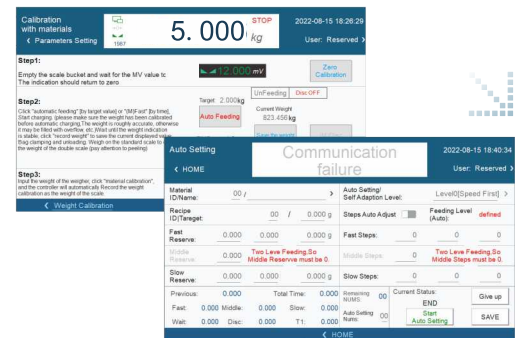

■ Parameter interface optimization and upgrade.
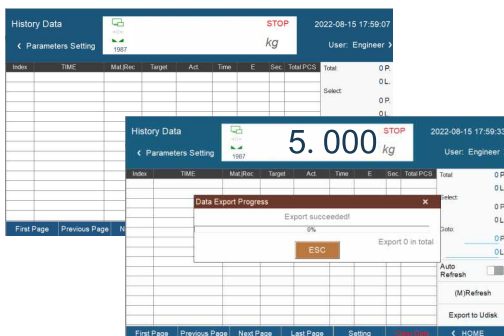

■ Calibration according to different materials with step hints to make the field calibration more convenient.

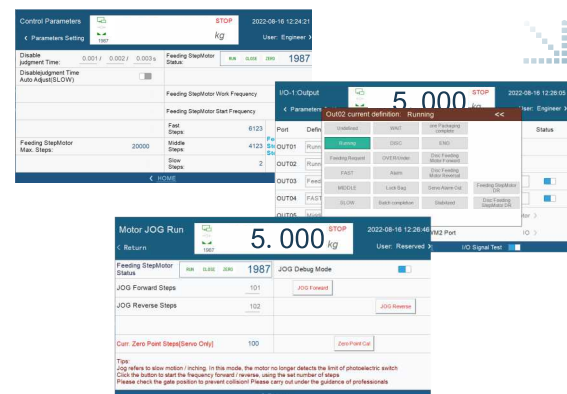■ Observing data changes when setting parameters, which is simultaneous and intuitive.

Well-organized data management

■ All definitions of each port can be intuitively selected.

■ Motor parameters: an interface can simultaneously display the motor status and parameters which is easy to debug.

GRANULE PACKING FILLER
AF-50K

10-50 kg
Weighing range

±20 g
Accuracy

800 +Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control
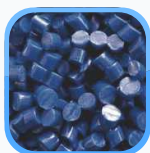
Weighing Accurate

50.500 kg

Features:

- **Granular material:** design for big bag packing machine for plastic particles, rice, sugar and other granular material;
- **Easy dismounting:** module design of measuring hopper for easy cleaning;
- **Parameter setting:** self-adjust function with target value set only;
- **Stable performance:** servo motor controls feeding process;
- **Weighing accurate:** weighing range is 10-50kg. Speed can reach 800pcs/h and accuracy is ±20g.

Optional:

23.456 kg

10-inch touch screen

User-friendly interface design, vivid display, easy to operate.

Specification

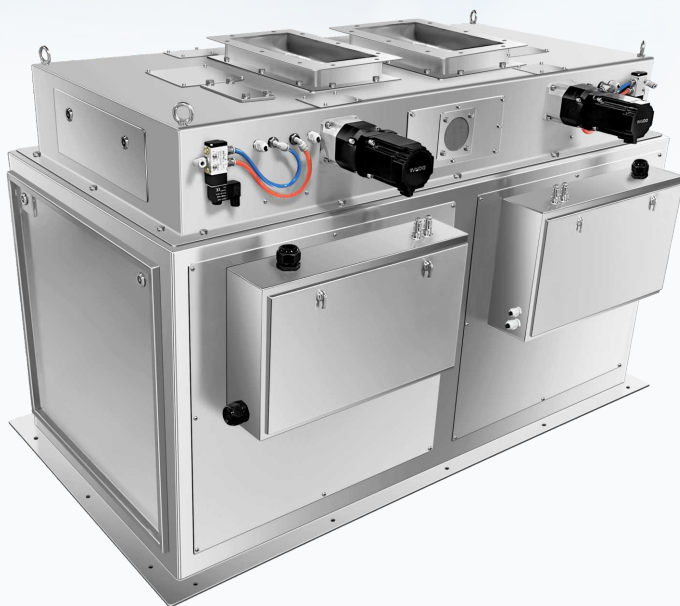|	
Model	PaxGo AF-50K
Weighing range	10~50Kg
Division	1g
Accuracy *	±20 g
Speed *	Max.800pcs/h
Volume	86L
Feeding method	Feeding control by servo, pneumatic discharging
Material	SS304, carbon steel
I/O	8 output(5V), 8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%, 50/60HZ
Working environment	0~40℃，90%R.H condensation is not allowed

* Normally, the diameter of the testing material 1-5mm.

Structure & Dimension   Unit: mm

A (Bottom frame dimension)
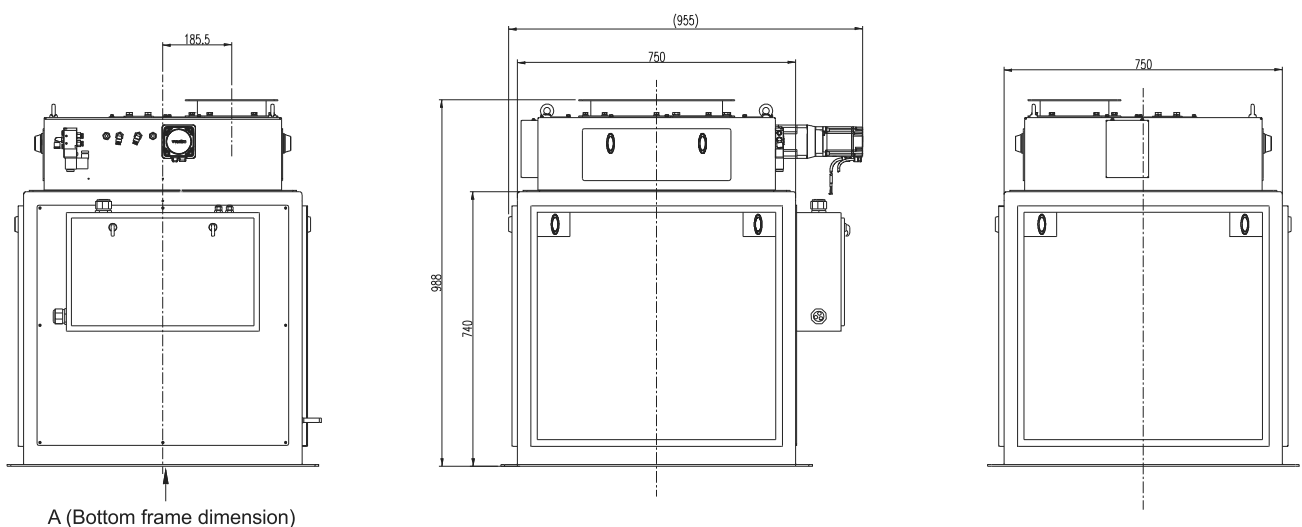
DUPLEX PACKING FILLER
AF-50KⅡ

10-50 kg
Weighing range

Stable Performance

Easy Installation

±20 g
Accuracy

Servo Motor Control

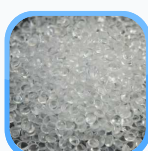**Weighing Accurate**

1500 +Pcs/h
Speed

Features:

- **Granular material :** design for big bag packing machine for plastic particles, rice, sugar and other granular material;
- **Easy dismounting:** module design of measuring hopper for easy cleaning;
- **Parameter setting:** self-adjust function with target value set only;
- **Stable performance:** servo motor controls feeding process;
- **Weighing accurate:** weighing range is 10-50kg. Speed can reach1500 pcs/h and accuracy is ±20g.

Optional:

23.456 kg

10-inch touch screen

User-friendly interface design, vivid display, easy to operate.

Specification

Model	PaxGo AF-50KⅡ
Weighing range	10~50Kg
Division	1g
Accuracy *	±20 g
Speed *	≥1500 pcs/h
Volume	86L×2
Feeding method	Feeding control by servo, pneumatic discharging
Material	SS304, carbon steel
I/O	8 output(5V), 8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%, 50/60HZ
Working environment	0~40℃, 90%R.H condensation is not allowed

* Normally, the diameter of the testing material 1-5mm.

Structure & Dimension   Unit: mm
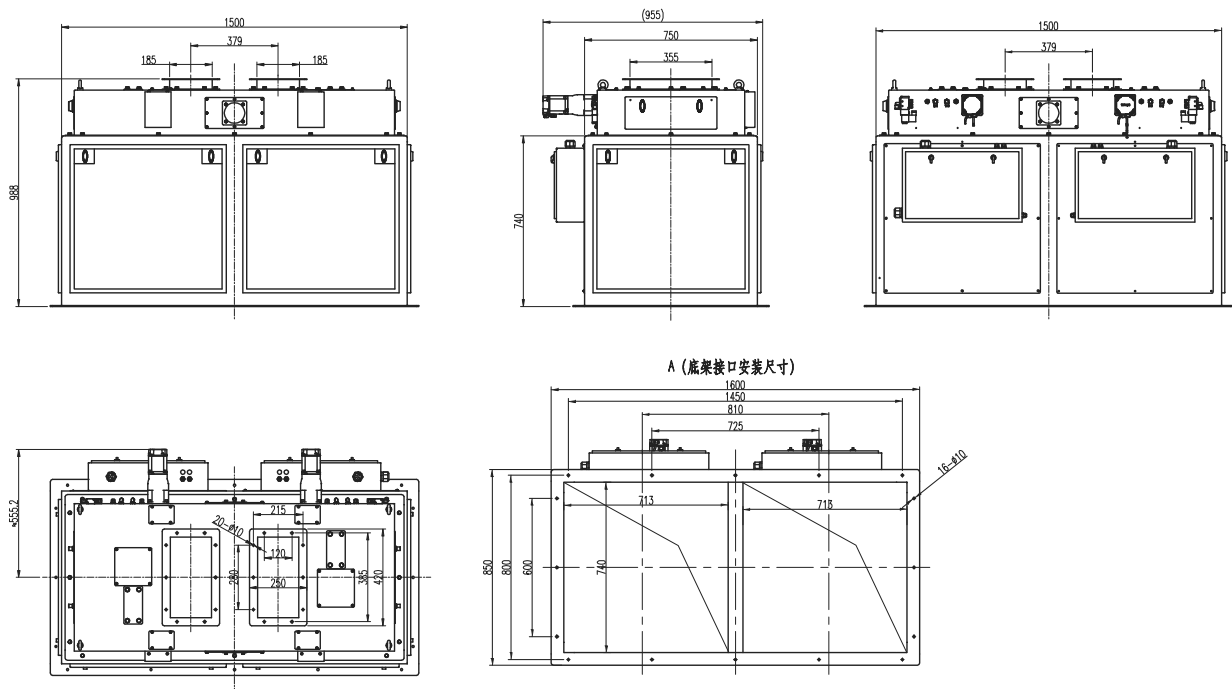
GRANULE PACKING FILLER
AF-25K

5-25kg
Weighing range

±10g
Accuracy

900+Pcs/h
Speed

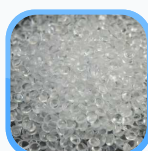Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Features:

- **Granular material:** design for plastic particle, granular fertilizer. feeds and other granular material.
- **Easy dismounting:** module design of measuring hopper for easy cleaning.
- **Parameter setting:** self-adjust function with target value set only
- **Stable performance:** servo motor controls feeding process
- **Weighing accurate:** weighing range is 5-25kg. Speed can reach 900 pcs/h and accuracy is ±10g.

Optional:

Bag Clamp
- SS304 stainless steel.

10-inch touch screen
- User-friendly interface design, vivid display, easy to operate.

Specification

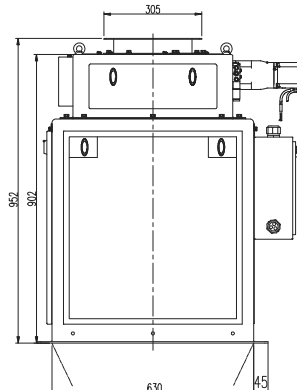|	
Model	PaxGo AF-25K
Weighing range	5~25Kg
Division	1g
Accuracy *	±10 g
Speed *	900pcs/h
Volume	55L
Feeding method	Feeding control by servo, pneumatic discharging
Material	SS304, carbon steel
I/O	8 output(5V), 8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%, 50/60HZ
Working environment	0~40℃, 90%R.H condensation is not allowed

* Normally, the diameter of the testing material 1-5mm

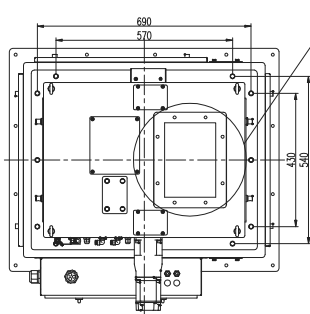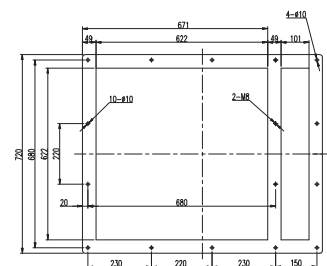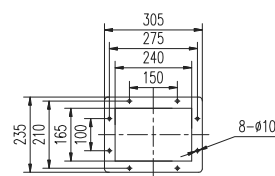## Structure & Dimension   Unit: mm
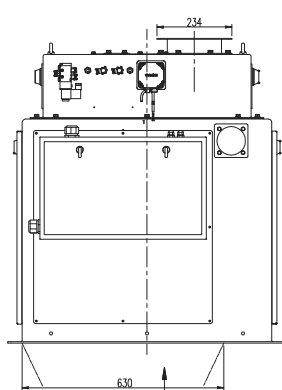
A (Bottom frame dimension)
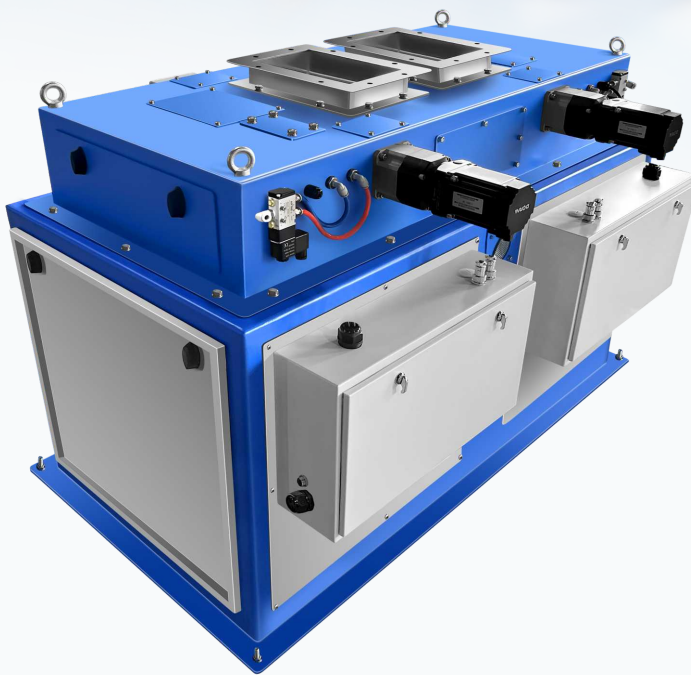
A (Bottom frame dimension)

B (Feeding port dimension)

B (Feeding port dimension)

DUPLEX PACKING FILLER
AF-25K Ⅱ

5-25kg
Weighing range

±10g
Accuracy

1600+Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Features:

- **Granular material:** design for plastic particle, granular fertilizer. feeds and other granular material.
- **Easy dismounting:** module design of measuring hopper for easy cleaning.
- **Parameter setting:** self-adjust function with target value set only
- **Stable performance:** servo motor controls feeding process
- **Weighing accurate:** weighing range is 5-25kg. Speed can reach 1600 pcs/h and accuracy is ±10g.

Optional:

Bag Clamp
- SS304 stainless steel.

23.456 kg

10-inch touch screen
- User-friendly interface design, vivid display, easy to operate.

Specification

Model	PaxGo AF-25KⅡ
Weighing range	5~25Kg
Division	1g
Accuracy *	±10 g
Speed *	≥1600 pcs/h
Volume	55L×2
Feeding method	Feeding control by servo, pneumatic discharging
Material	SS304, carbon steel
I/O	8 output(5V), 8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%, 50/60HZ
Working environment	0~40℃，90%R.H condensation is not allowed

* Normally, the diameter of the testing material 1-5mm

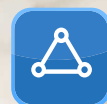## Structure & Dimension   Unit: mm
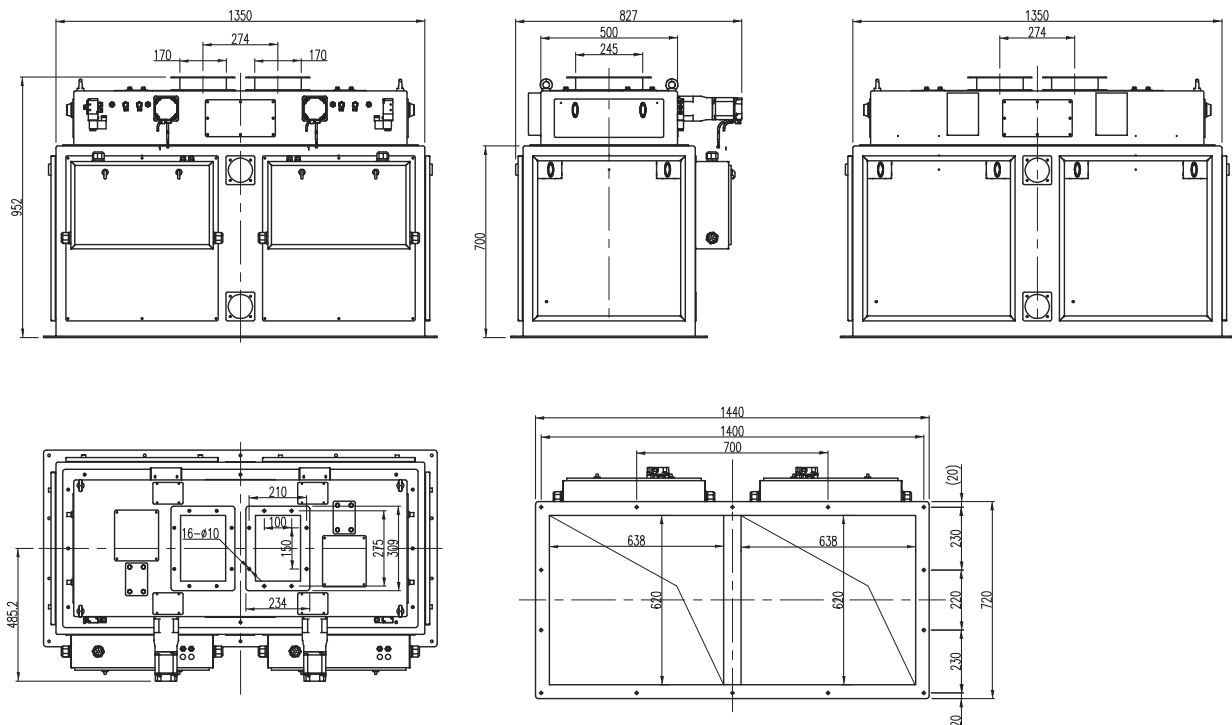
GRANULE PACKING FILLER
AF-10K

0.5-10kg
Weighing range

±3g
Accuracy

900+Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Features:

- Granular material : design for rice, millet. beans and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;
- Weighing accurate: weighing range is 0.5-10kg. Speed can reach 900pcs/h and accuracy is ±3g.

Optional:

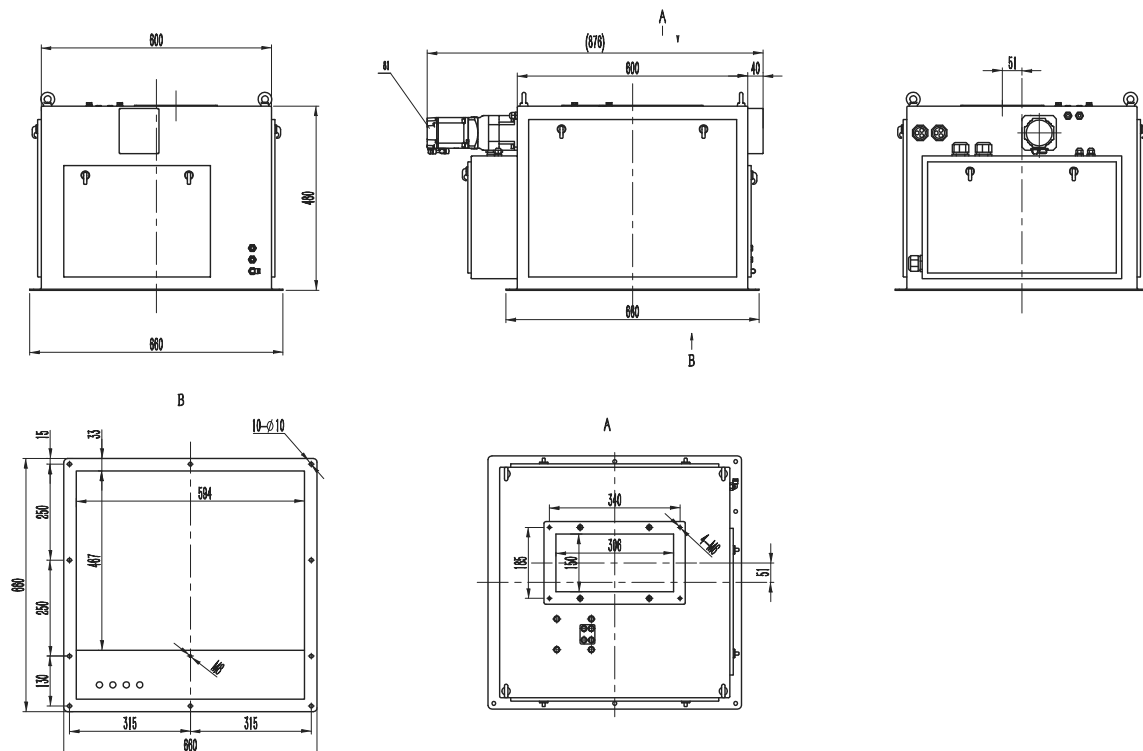User-friendly interface design, vivid display, easy to operate.

23.456 kg

10-inch touch screen

Specification

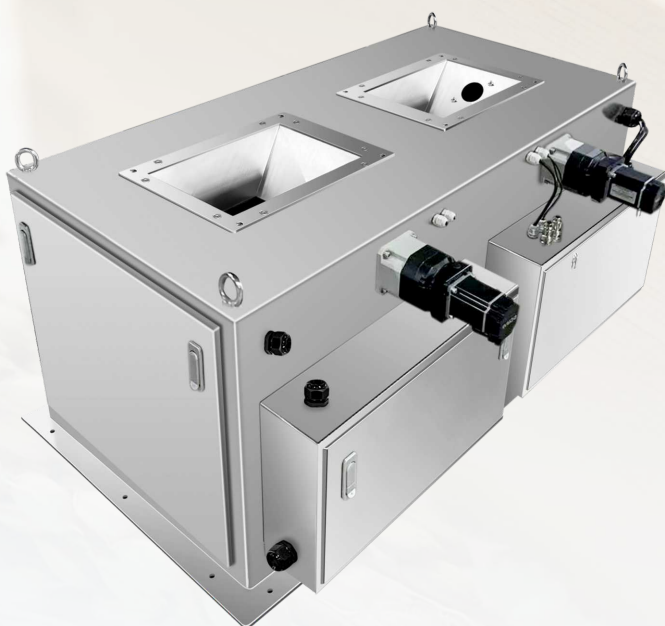| Model	PaxGo AF-10K
Weighing range	0.5~10Kg
Division	1g
Accuracy *	±3 g
Speed *	900pcs/h
Volume	15L
Feeding method	Servo motor + feeding vibrator, pneumatic discharging
Material	SS304, carbon steel
I/O	8 output(5V), 8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%, 50/60HZ
Working environment	0~40℃, 90%R.H condensation is not allowed

* Normally, the diameter of the testing material 1-5mm
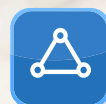
Structure & Dimension

Unit: mm

DUPLEX PACKING FILLER
AF-10K Ⅱ

0.5-10kg
Weighing range

Stable Performance

Easy Installation

±3g
Accuracy

Servo Motor Control

Weighing Accurate

1600+Pcs/h
Speed

Features:

- Granular material : design for rice, millet. beans and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;
- Weighing accurate: weighing range is 0.5-10kg. Speed can reach1600 pcs/h and accuracy is ±3g.

Optional:

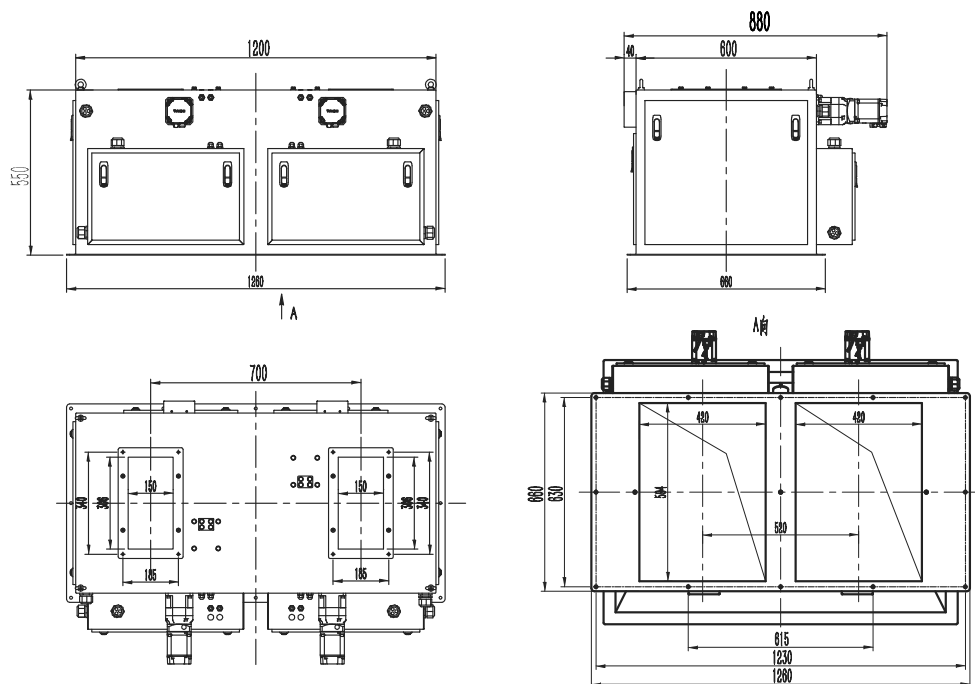User-friendly interface design, vivid display, easy to operate.

23.456 kg

10-inch touch screen

Specification

Model	PaxGo AF-10KⅡ
Weighing range	0.5~10Kg
Division	1g
Accuracy *	±3 g
Speed *	≥1600 pcs/h
Volume	15L×2
Feeding method	Servo motor + feeding vibrator, pneumatic discharging
Material	SS304, carbon steel
I/O	8 output(5V), 8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%, 50/60HZ
Working environment	0~40℃，90%R.H condensation is not allowed

* Normally, the diameter of the testing material 1-5mm
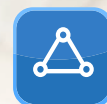
Structure & Dimension

Unit: mm

GRANULE PACKING FILLER
AF-05K

0.25-5kg
Weighing range

±2g
Accuracy

1000+Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Features:

- **Granular material :** design for rice, millet. beans and other granular material;
- **Easy dismounting:** module design of measuring hopper for easy cleaning;
- **Parameter setting:** self-adjust function with target value set only;
- **Stable performance:** servo motor controls feeding process;
- **Weighing accurate:** weighing range is 0.25-5kg. Speed can reach 1000 pcs/h and accuracy is ±2g.

• User-friendly interface design, vivid display, easy to operate.

Specification

Model	PaxGo AF-05K
Weighing range	0.25~5Kg
Division	1g
Accuracy *	±2 g
Speed *	1000pcs/h
Volume	11L
Feeding method	Servo motor+feeding vibrator, pneumatic discharging
Material	SS304, carbon steel
I/O	8 output(5V), 8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%, 50/60HZ
Working environment	0~40℃，90%R.H condensation is not allowed

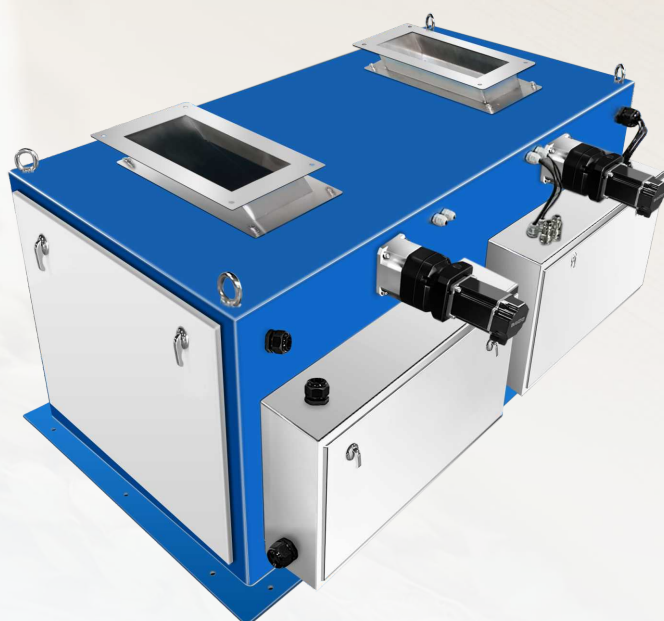* Testing material: rice, speed: 1000pcs/h, accuracy: ±2 g
* Normally, the diameter of the testing material 1-5mm

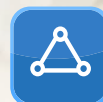## Structure & Dimension   Unit: mm
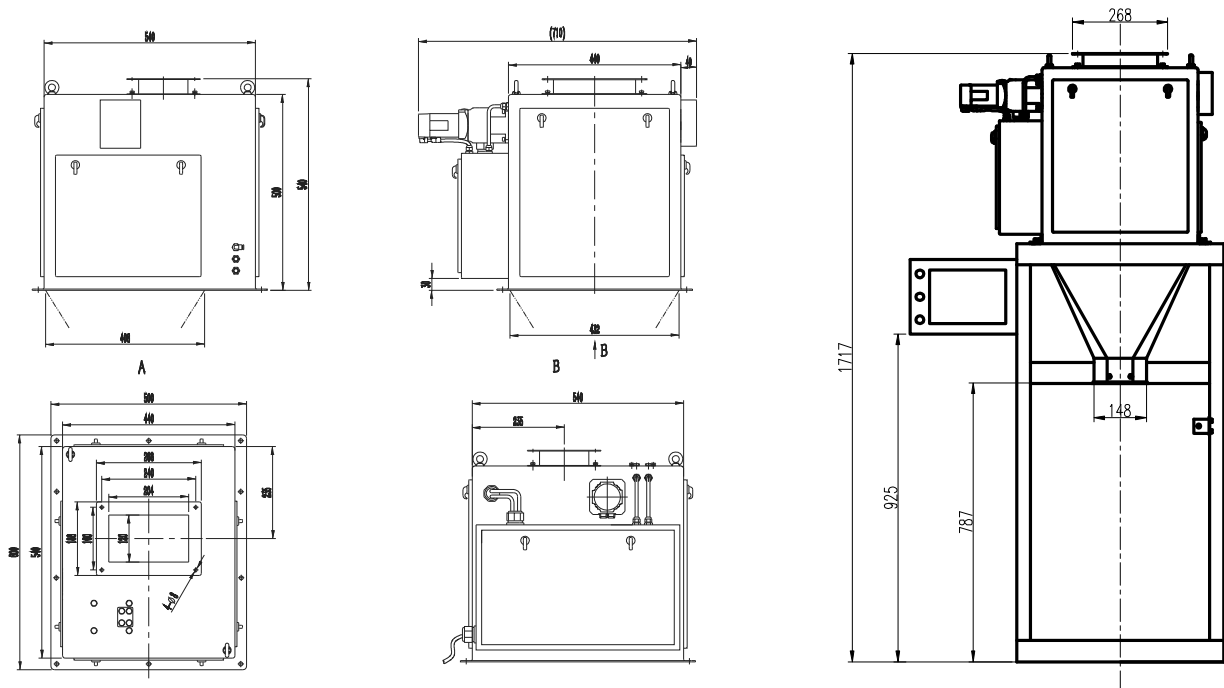
DUPLEX PACKING FILLER
AF-05K II

0.25-5kg
Weighing range

±2g
Accuracy

1600+Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Features:

- Granular material : design for rice, millet. beans and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;
- Weighing accurate: weighing range is 0.25-5kg. Speed can reach
1600 pcs/h and accuracy is ±2g.

Specification

Model	PaxGo AF-05KⅡ
Weighing range	0.25~5Kg
Division	1g
Accuracy *	±2 g
Speed *	≥1600 pcs/h
Volume	11L×2
Feeding method	Servo motor+feeding vibrator, pneumatic discharging
Material	SS304, carbon steel
I/O	8 output(5V), 8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%, 50/60HZ
Working environment	0~40℃，90%R.H condensation is not allowed

* Testing material: rice, speed: 1600pcs/h, accuracy: ±2 g
* Normally, the diameter of the testing material 1-5mm

Structure & Dimension
Unit: mm
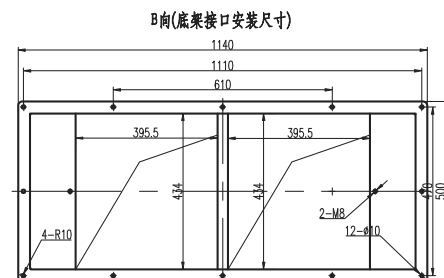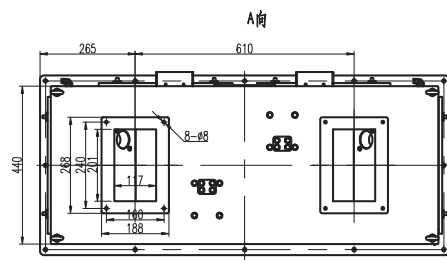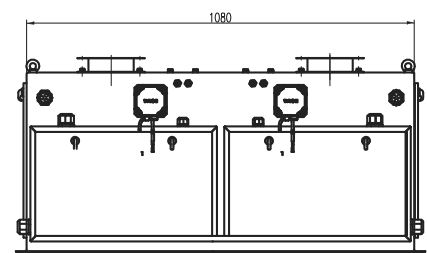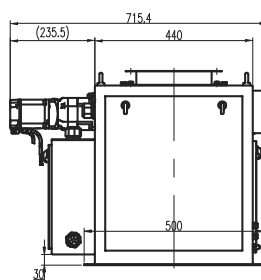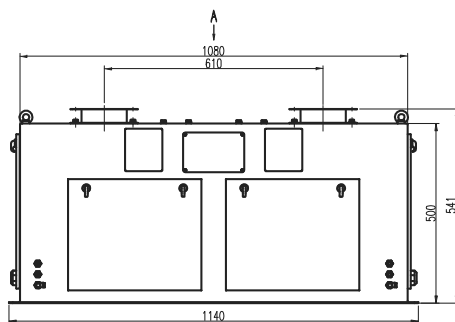
LINEAR FEEDER
PACKING MACHINE

LF-5K
LINEAR FEEDER

0.25-5kg
Weighing Range

△ Stable Performance

Easy Installation

±2-5g
Weighing Accuracy

Vibrator Feeding

Weighing Accurate

15+Pcs/min
Feeding Speed

LF-5K is a linear feeder for granular materials and some powder materials. The vibratory feeding mechanism achieves multi-stage feeding. The pneumatic cylinder drives fast discharging. LF-5K linear feeder has a wide weighing range with high speed and high precision, which can be widely used in quantitative packaging machinery of grain, feed, chemical, rubber and plastic industries.
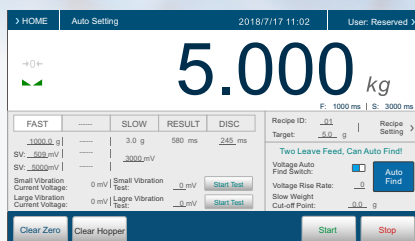
Product Function

- Automatic weighing type dosing function;
- Two-speed vibration feeding control;
- Automatic zeroing function;
- Process control, automatic parameters correction function;
- Accumulation and statistics function;

Product Features

Intelligent

- Only need to set the target value, LF-5K can automatically adjust the optimal dosing speed with the guarantee of accuracy.

Easy installation

- Standard external flange interface.

High speed and high precision

- Double vibrators for feeding, fast and accurate.

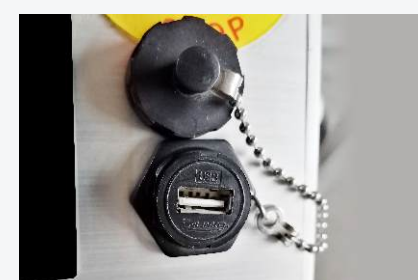## Simple operation

- 7-inch touch screen, Chinese/English display.

Material

- 304 stainless steel is used for packing material contact part.

Data export

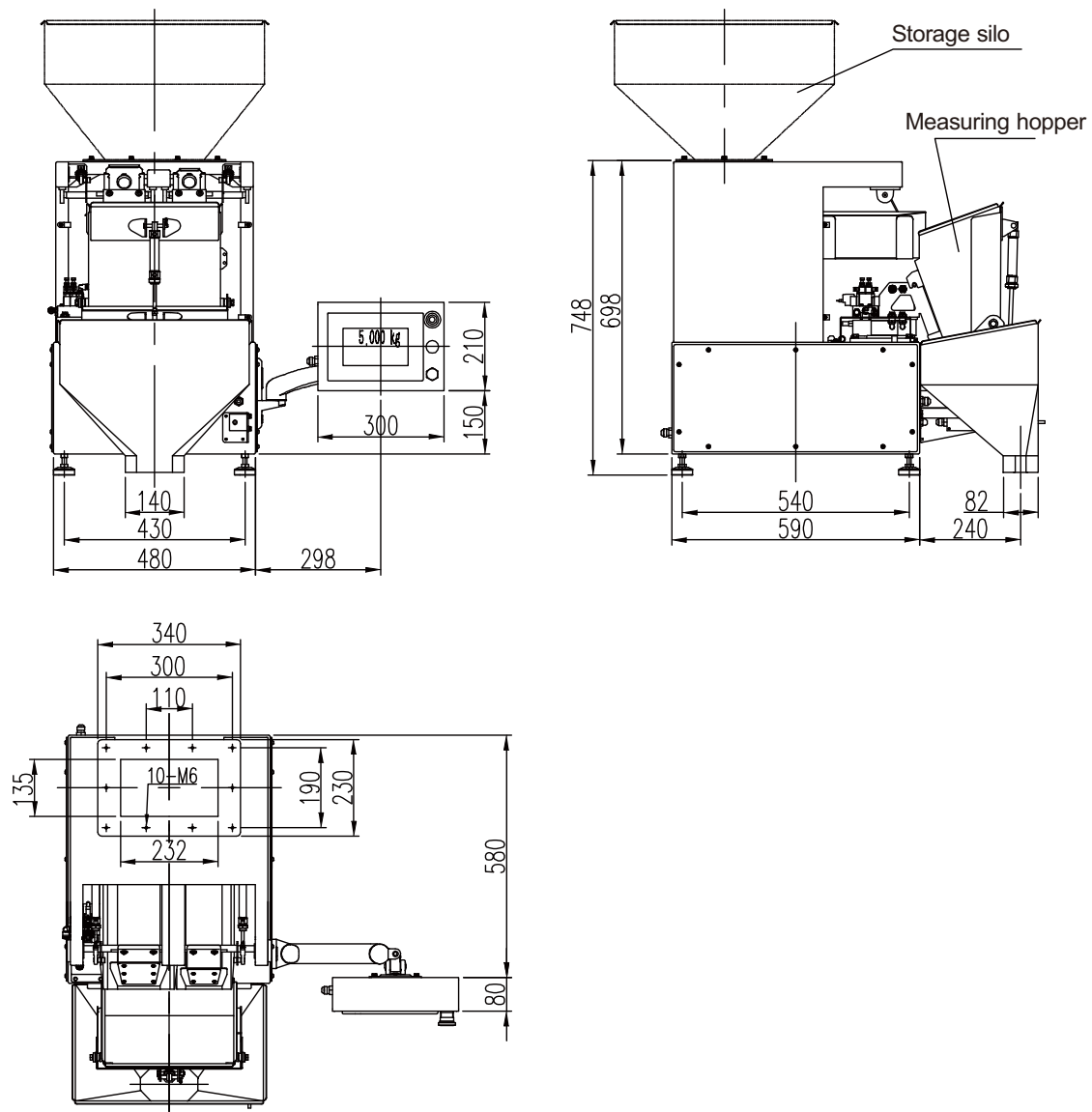- USB interface, convenient for data export.

Specification

Model	LF-5K
Powder	AC220V±10%, 50/60Hz, 120W
Weighing Range	0.25 ~ 5kg
Weighing Accuracy	±2 ~ 5g
Feeding Speed	≤900pcs/hour
Measuring Hopper Volume	8L
Working Temperature	0 ~ 40°C
Max Humidity	90% R.H Condensation must be avoided
Pneumatic	0.4 ~ 0.6MPa 2m³/h

Structure & Dimension   Unit: mm

Storage silo

Measuring hopper

ENTERPRISE PROFILE

30+ years
Industry Experience

40+
Country Sales

200+
R&D Patent

2000+
Application of the scene

General Measure established in 1993, as one of China's earliest industrial weighing company who is also a national high-tech enterprise, has over 50 people in the R&D team. For 28 years, we have been committed to improving the automatic process of industrial weighing and the precision of weighing control.

In 2003, we began to open the overseas market. Since 2006, General Measure dominated the high-end market and occupying more than 25% of the market in China. To expand the global business scale, we have been focusing on overseas markets since 2012. It has been seen that the average sales growth is above 30% every year.

We will continue to provide reliable industrial weighing indicators and equipment with excellent performance and weighing solutions with innovative value to our partners. Listening, Innovating, and growing together is our value, which guides us to achieve win-win cooperation by helping clients achieve their goals.

Combining cutting-edge technology to disrupting the industry status-quo, making weighing more accessible.

Global Clients 2000+

ZOOMLION

prompt
We Promise. We Deliver.

CONCH

DIGITAL SCALE

FAMSUN
牧羊丰尚

muyuan牧原

PESAR PG
PRECISION GROUP

altus

中国邮政
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wilmar

Amul

BCI
INGENIERIA

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