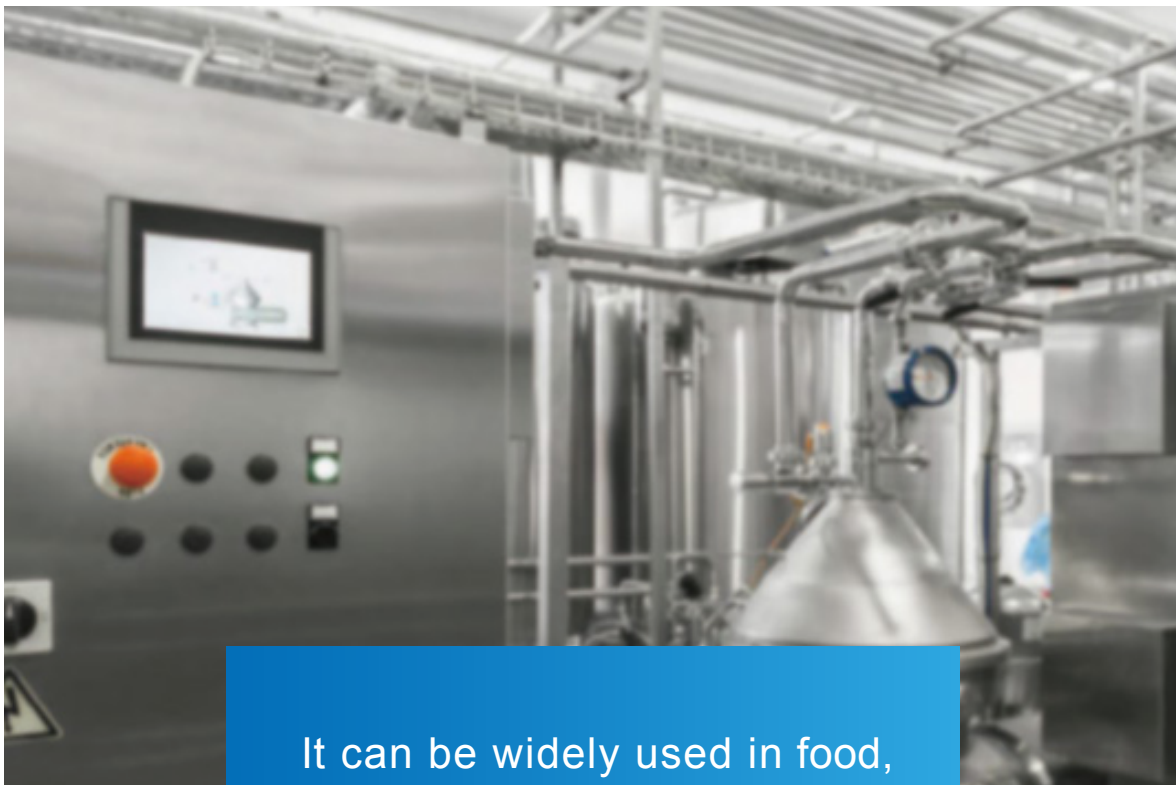




GM9907 Series

Touch Screen Weighing Controller

Making the World Measurable Linking Your Smart Life



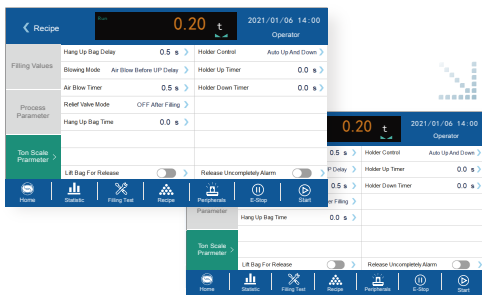
It can be widely used in food, feed, seed, fertilizer, powder and other industries.

User-friendly Design, Easy Operation

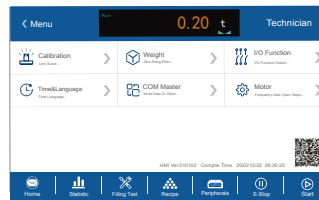
- 7-inch Touch screen for displaying clearly and operating easily, Single/double scale interface mode switching;
- Different types of Home Screen for Different Application;



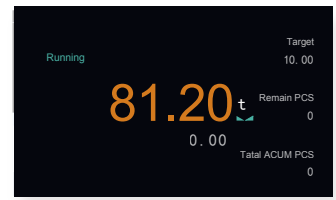
- All Parameter Matched and Displayed according to the Scale;



- Modular design, guided step-by-step operation, one key switch;

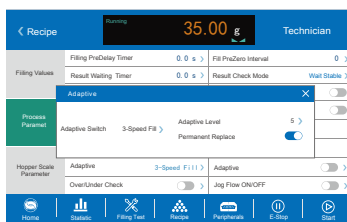


- Screen Saver Displaying after the Set Time, Dynamic display of operating status and data;

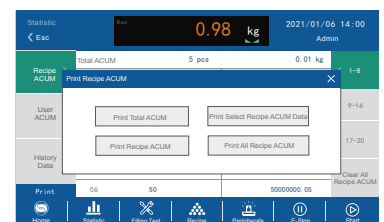
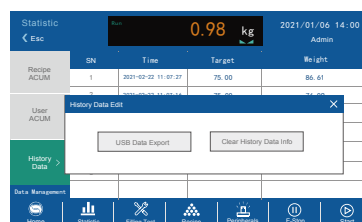


Intelligent Function Design, Smart Operation

- 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:Single Hopper; LD:Double Hopper)

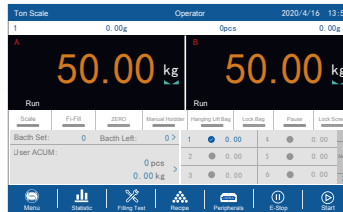


GM9907-L2/LD is the single/double hopper packing controller, widely used for, granule packing scale, powder packing scale, big bag, valve type scale-cement, etc.

Version Features

User-Friendly · Better Experience

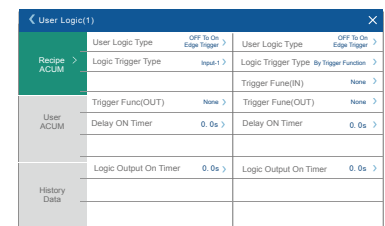
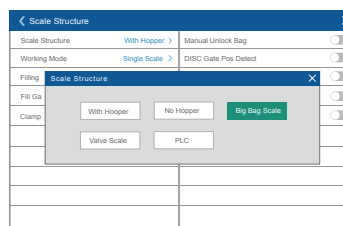
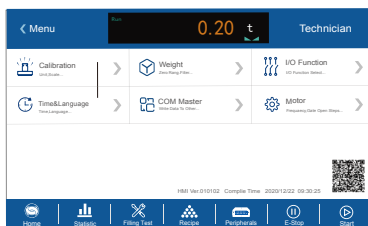
- Memory card build in, 7-inch Touch screen for displaying clearly and operating easily, Single/double scale interface mode switching;



- **L2**: single hopper; **LD**: single or double hopper, 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

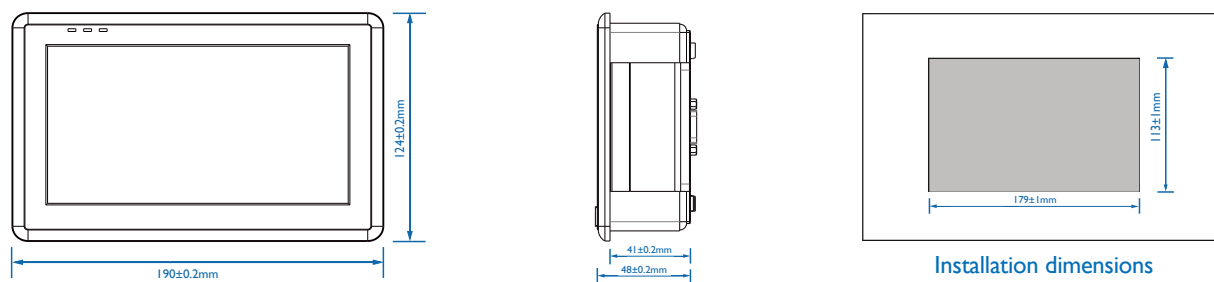
- For starting, stopping, feeding, unloading, clamping/loosening bags, etc;

Modbus TCP

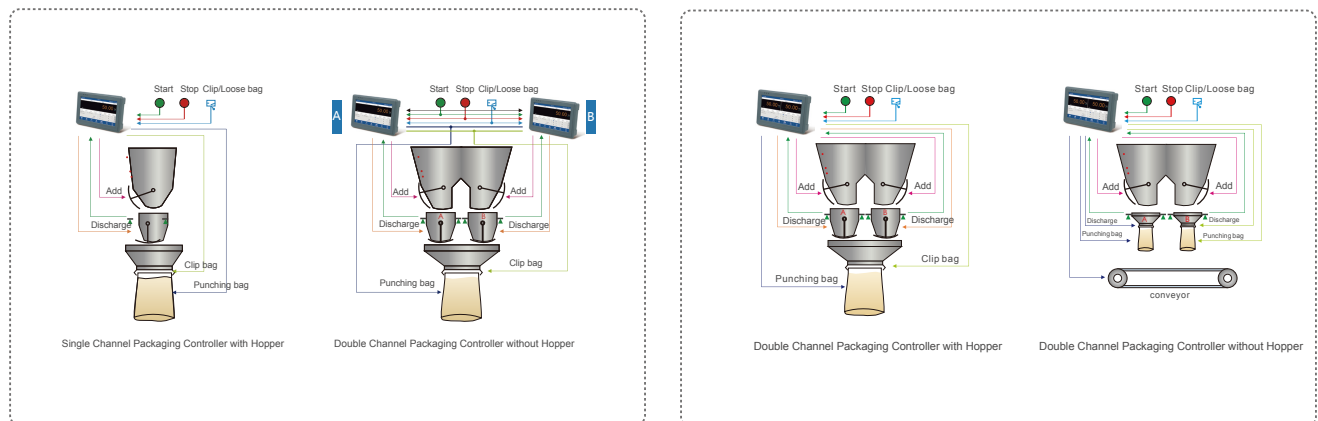
- For connecting PC, PLC, Printers, etc., for reading remotely.

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



Application Schematic Diagram



GM9907-L2

GM9907-LD

GM9907-L4

Reduce weight method packing controller

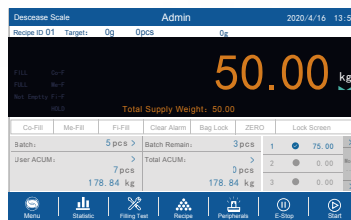


GM9907-L4 is designed for Loss-in-weight bagging machine. It can be widely used in rice, grains, feeds, chemical industry, etc.

Version Features

User-Friendly · Better Experience

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



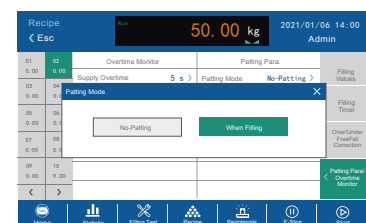
- It can store 20 groups of recipes, 9 groups of users accumulation data;

Statistic	Total ACUM	5 pcs	0.01 kg
Recipe ACUM	Recipe ID	ACUM pcs	ACUM Weight kg
01	20	5000000.00	P-16
02	5	5000000.00	17-20
03	40	0.00	
04	0	0.00	
05	0	0.00	
06	50	5000000.00	Clear All Recipe ACUM

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

System Info	0.20 t	2021/01/05 14:00
Version	All	Communication
Reset	Calibration	Recipe
Others	Parameter Backup	Recovery From Backup

- 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;

12 Input/16 Output

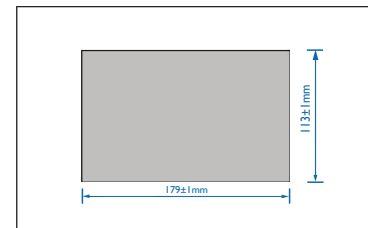
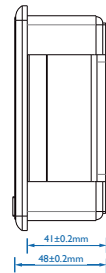
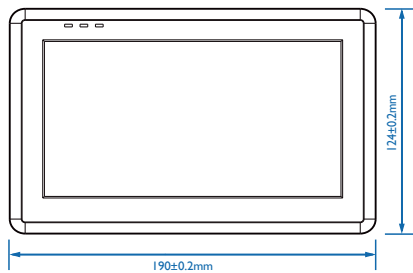
- For starting, stopping, feeding, unloading, clamping/loosening bags, etc;

Modbus TCP

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

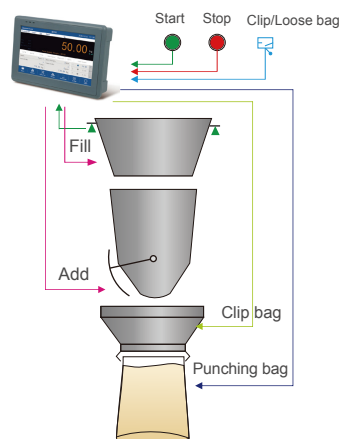
Specification

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.	



Installation dimensions

Application Schematic Diagram



Reduce weight method packing

GM9907-L5

Bulk Scale Controller



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

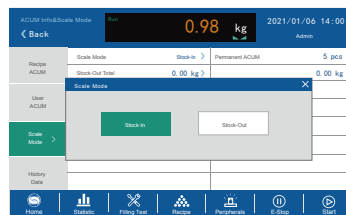
- Memory card build in, 7-inch Touch screen for displaying clearly and operating easily;



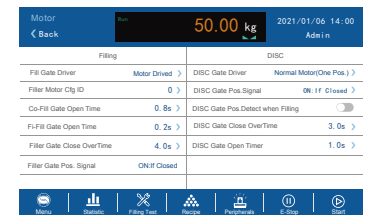
- Flow rate function can discharge material automatically and alarm when flow rate is low, which is more intelligent;



- 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;

12 Input/16 Output

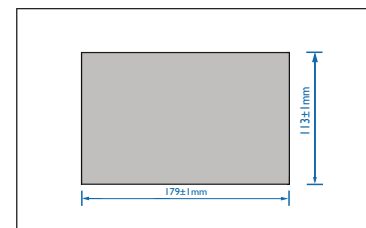
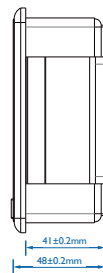
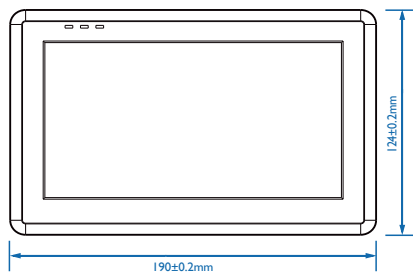
- For starting, stopping, feeding, unloading, clamping/loosening bags, etc;

Modbus TCP

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

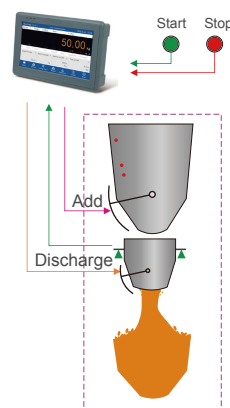
Specification

Model		GM9907-L5
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40 C
	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/ C
	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.



Installation dimensions

Application Schematic Diagram



Bulk Weight Packing

GM9907-LB

Batching Scale Controller

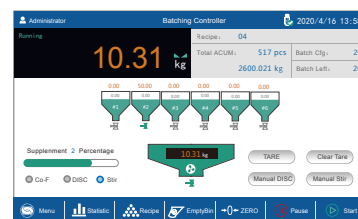
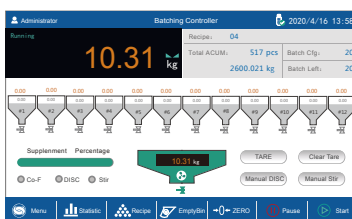


GM9907-LB is designed for batching scale that can sort feeding orders of a variety of materials. It can be widely used in concrete mixing, bituminous mixing, metallurgy, chemical, feeds industry, etc.

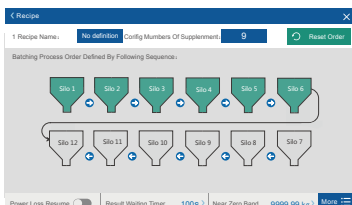
Version Features

User-Friendly · Better Experience

- Memory card build in, Dynamic batching process can be graphically displayed for better understanding and monitoring;



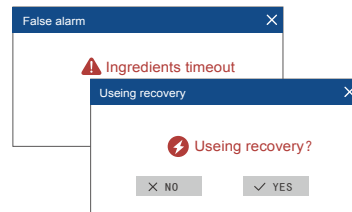
- Support the batching of 12 kinds of materials. It can be customized according to the batching process sequence, which is flexible to use;



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

Recipe		
Recipe: 1	Supplement: 2	Filling PreDelay Timer 0.5s >
Target	50.00kg >	COMP.Inhibit Timer(Co-F) 0.5s >
Co-Fill Ramin	10.00kg >	COMP.Inhibit Timer(Me-F) 0.5s >
Me-Fill Ramin	3.00kg >	COMP.Inhibit Timer(Fi-F) 0.5s >
Free Fall	0.80kg >	Stir Control 0.5s >
Over Limit Value	0.05g >	
Under Limit Value	0.05g >	
Fill Pause Control		

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



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

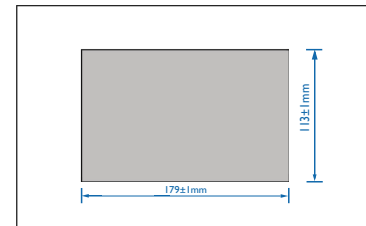
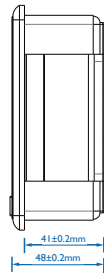
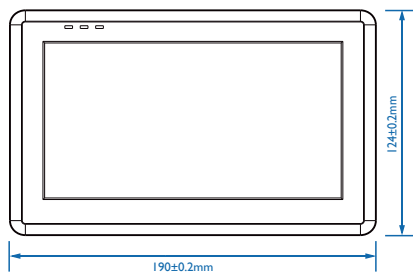
- For starting, stopping, feeding, unloading, clamping/loosening bags, etc;

Modbus TCP

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

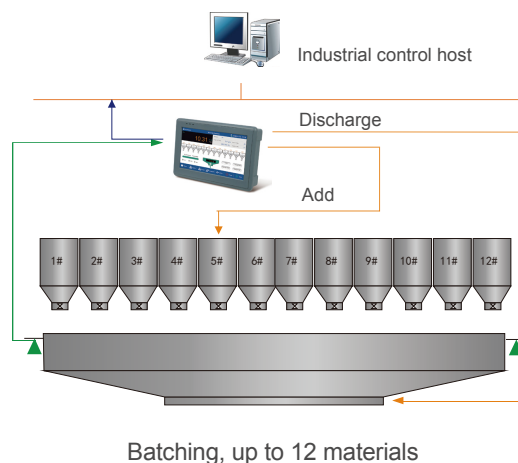
Specification

Model	GM9907-LB	
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40 C
	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/ C
	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.		



Installation dimensions

Application Schematic Diagram





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