

GM9907 Series

Touch Screen Weighing Controller

Making the World Measurable Linking Your Smart Life







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

Version Features

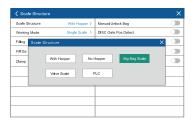
User-Friendly · Better Experience

- 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;





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;

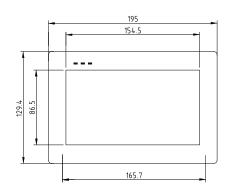
12 Input/16 Output

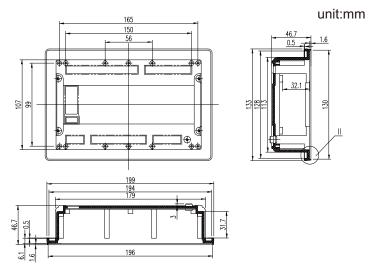
• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;

Modbus TCP

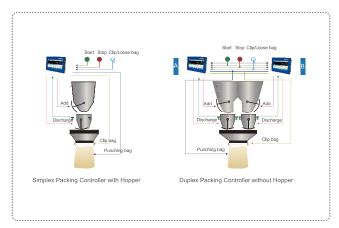


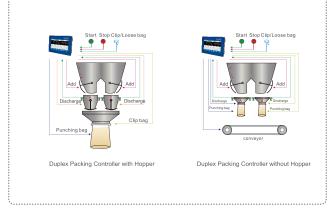
	Model	GM9907-L2/LD
	Power Supply	DC24V
General	Operating Temperature	-10~40 °C
Specification	Maximum Humidity	90%R.H without dew
	Test Standard	Class III 6000e,1µV/d
	Power Consume	About 15W
	A/D converter type	24 bit Sigma-Delta
	A/D Conversion Rate	120/240/480/960 times /per second
	Non-Linear	0.01%F.S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





Application Schematic Diagram





GM9907-LD GM9907-LD

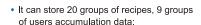


GM9907-L4 is designed for Loss-in-weight bagging machine. It can be widely used in rice, grains, feeds, chemical industry, etc.

Version Features

User-Friendly · Better Experience

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



	Ru		0.9	8 kg	2021/01/0 Adr	
	Total ACUM		5 pcs		0.01 kg	
	Recipe ID	ACUM pcs			ACUM Weight kg	< 1-8
	01	20			10000000,00	
User	02	5			50000000,00	9-16
	03	40			0.00	17-20
History	04	0			0.05	17-20
Data	06	0			0, 00	Clear Al
Print	06	50			50000000.05	Recipe ACUM
S Home	Statetic	X Filling Test	A. Recipe	Peripherals	E-Stop	Start



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

System Info		0.2	20 t	1/06 14:00 Admin
	All	Reset	Communication	Reset
Version	AI(No Calibration)	Reset	Basic Para.	Reset
	Recipe	Reset	Advanced Para.	Reset
	Calibration	Reset	I/O Function	Reset
Others	Parameter Backup	Backuo	Backup Date: 2021/01/06	13:00:00
	Recovery From Backuo	Reset	Delete Backup	Delete
□	ılı %	A I	遊上の	(A)

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

06 14:00 min	2021/01/ Ad	50. 00 kg	5	Run		Rec (E
	ara.	Patting P		Overtime Monitor	02	01
Filing Values	No-Patting >	Patting Mode	5 s >	Overtime		0,00
Filing	×			de	0.0 Patting	0.00
Timer					06	06
Over1 Inde		When Filling		No-Patting	0.4	0,00
FreeFall Connection					0.0	0,00
						_
Pating Pari					9,00	0,00
					>	(
<	(i) E-Sico	N Discharate		. %		0.00 (



RS485+RS232

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

USB

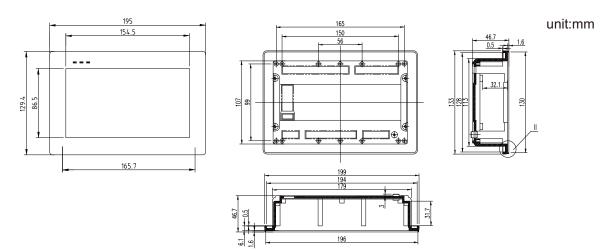
 For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen.etc;

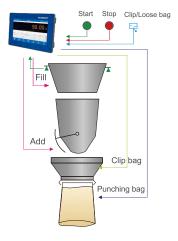
12 Input / 16 Output

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

Modbus TCP

	Model	GM9907-L4
	Power Supply	DC24V
Camanal	Operating Temperature	-10~40 °C
General Specification	Maximum Humidity	90%R.H without dew
Specification	Test Standard	Class III 6000e,1µV/d
	Power Consume	About 15W
	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
Measurement	Minimum Sensitivity	0.02μV/d
parameters	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10ΜΩ
	Zero Point Adjustment Range	0.002~15mV (load cell 3mV/V)
	2 Input 16 Output, I/O Selectable	
I/O Interfaces and Communications	12 Input, Active-low Start, Emergency stop, Stop, Zeroing, Cle coarse flow, Clear total ACUM, etc.	ear alarm, Change recipe, Bag Lock/Unlock, Manual discharge, Manual fine flow, Manual
	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





Reduce weight method packing



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;

Motor C Back	Run	50.00 kg	2021/01/06 14:00 Admin
	Filing		DISC
Fill Gate Driver	Motor Drived >	DISC Gate Driver	Normal Motor(One Pos.)
Filler Motor Cfg ID	0 >	DISC Gate Pos.Signal	ON: If Closed >
Co-Fill Gate Open Time	0.8s >	DISC Gate Pos.Detect v	when Filling
Fi-Fil Gate Open Time	0.2s >	DISC Gate Close Over1	ime 3, 0s >
Filler Gate Close Over	Time 4, 0s >	DISC Gate Open Timer	1.0s >
Filler Gate Pos. Signal	ON:If Closed		
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RS485+RS232

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

USB

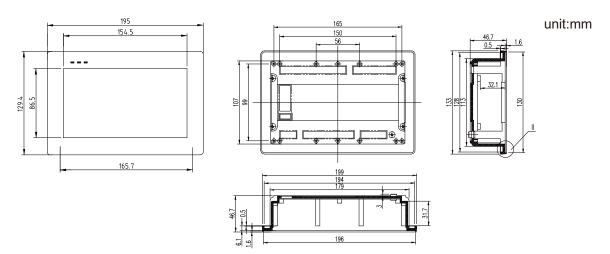
 For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;

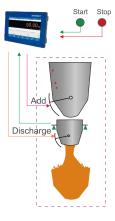
12 Input / 16 Output

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

Modbus TCP

	Model	GM9907-L5
	Power Supply	DC24V
General	Operating Temperature	-10~40 °C
Specification	Maximum Humidity	90%R.H without dew
•	Test Standard	Class III 6000e,1µV/d
	Power Consume	About 15W
	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
Measurement	Minimum Sensitivity	0.02μV/d
parameters	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10ΜΩ
	Zero Point Adjustment Range	0.002~15mV (load cell 3mV/V)
	12 Input 16 Output, I/O Selectable	
I/O Interfaces and	12 Input, Active-low Start, Emergency stop, Stop, Zeroin	ng, Clear alarm, Fill permission, Clogged, Manual fine flow, etc.
Communications	16 Output, Single drive current 500r Run, Stopped, Clogged, Coarse flow, Fi	mA ine flow, Result waiting, Over/under, Alarm, Stock-out Done, Last feed, DISC, -NZ-, etc.



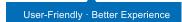


Continuous Weighing



GM9907-L6/L6D is designed for single/double nozzle liquid filling application. It can widely used in food&beverage, chemical, coating industry and so on.

Version Features



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



Cathorine

Control

C

• L6/L6D single or double nozzle liquid filling application can be chosen. UI changed accordingly.



• It can store 20 pieces of formulation for different materials filling.

(Recipe Paramete	Run	50.	00 kg 2021/01/06 14:00 Reserved)
Result	Recipe Num		⟨ 1)
	Target	50.00kg >	Recipe Name
Process	A SP1 Value	0.00kg >	
Parameter	A SP2 Value	0.00kg >	
	Start Near Zero Value	0.00kg >	
	Tare Value	0.00kg >	COMP Inbibit Timer(SP1) 0.6 s
	Tare Error Value	0.00kg >	COMP InbibitTimer(SP2) 0.8 s
S Home	±± X	A. Redge	(ii) (iii) (iii)

• Automatic 2-filling speed, feed control function, easy to connect with front-end equipment.

(Process Parameter	Run	50.0	00 kg 2021/01/0	06 14:00 teserved >
Start	Filling Start Pre-Delay	0.1s >	Intellengent Filling	•
Condition	Cowenbibit Timer(SP1)	0.6s >	Auto Filling Speed	0 >
Pipe Drop Process	Cowenbibit Timer(SP2)	0.8s >	Positive Error Control	•
Filing >	Result Checking Timer	0.5s >	Filling Filter Level	0 >
Result	Filling Signal Coml	bination Filling	Filling Threshold Value	0.00 kg >
Checking	A SP1 Output	Output-16 >	Leaking Detect	
Bucket Move Proness	A SP2 Output	Output-16 >	SP1 Flowrate Low Limit (0.00 kg/s >
			Weight Sudden Drop Alarm	1.23 kg >
Home	± X Statistic F∎ng Test	Recipe		



RS485+RS232

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USB

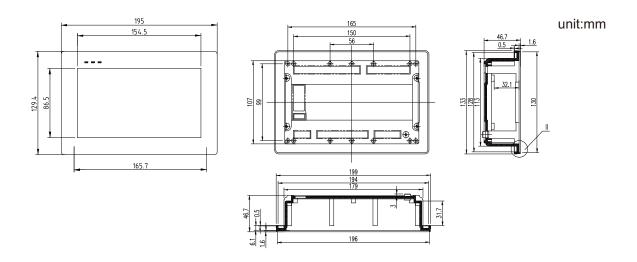
 For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen.etc:

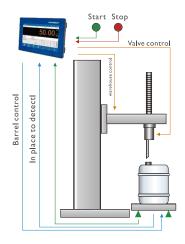
12 Input / 16 Output

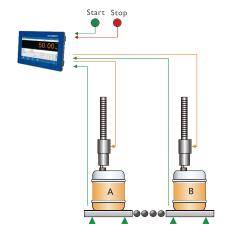
• I/O programmble.

Modbus TCP

	Model	GM9907-L6/L6D
	Power Supply	DC24V
General	Operating Temperature	-10~40℃
Specification	Maximum Humidity	90%R.H without dew
,	Test Standard	Class III 6000e,1µV/d
	Power Consume	About 15W
	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
Measurement	Minimum Sensitivity	0.02µV/d
parameters	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10ΜΩ
	Zero Point Adjustment Range	0.002~15mV (load cell 3mV/V)
110.1.1.1	12 Input, Active-low Start, Emergency stop, Zeroing, Clea	ar alarm, Switch formula, Dropping/lifting nozzle, feeding, etc
I/O Interfaces and Communications	16 Output, single drive current 500 Run, Stop, Fast feeding, Slow feeding Batching finish, etc.	DmA ig, Constant value, Over/Under weight, Alarm, Move barrel, dropping nozzle,







Single Nozzle for Liquid Filling Application



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;



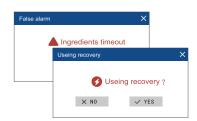


• The working process is clear. Feeding value and time of the material can be set, and real-time feeding dynamic can be displayed;

	Filling PreDelay Timer	.5s)
>	COMP.Inhibit Timer(Co-F)	.5s>
>	COMP.Inhibit Timer(Me-F)	.5s)
>	COMP.Inhibit Timer(Fi-F)	.5s >
>	Stir Control	.5s >
>		
>		
	> >	> COMP.Inhibit Timer(Co-F) > COMP.Inhibit Timer(Me-F) > COMP.Inhibit Timer(Fi-F) > Sir Control >



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





RS485+RS232

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USB

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

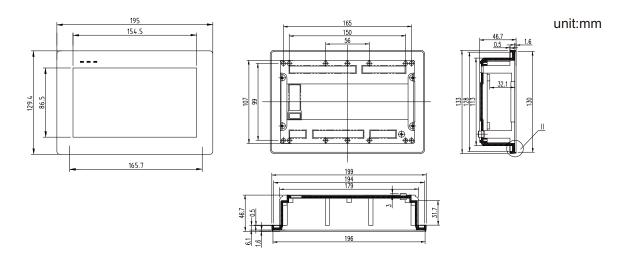
12 Input/16 Output

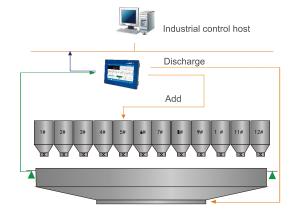
• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;





	Model	GM9907-LB
	Power Supply	DC24V
General	Operating Temperature	-10~40°C
Specification	Maximum Humidity	90%R.H without dew
Opcomodition .	Test Standard	Class III 6000e,1µV/d
	Power Consume	About 15W
	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
Measurement	Minimum Sensitivity	0.02μV/d
parameters	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10ΜΩ
	Zero Point Adjustment Range	0.002~15mV (load cell 3mV/V)
	12 Input 16 Output, I/O Selectable	
I/O Interfaces and Communications	12 Input, Active-low Start, Emergency stop, Stop, Pause Manual stir, etc.	e, ZERO, Clear alarm, Change recipe, M-DISC permission, TARE, Clear tar
	16 Output, Single drive current 500r Run, Stopped, Coarse flow, Medium	mA n flow, Fine flow, Result waiting, Over/under, DISC, -NZ-, Alarm, Stir, etc.





Batching, up to 12 materials



ENTERPRISE PROFILE



30⁺years



40⁺
Country Sales



100⁺



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+































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E-mail: xjlv@szgmt.com

Website: www.gmweighing.com