

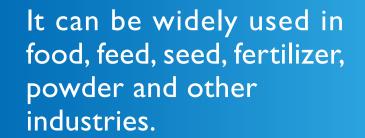
# GM9907 SERIES

TOUCH SCREEN WEIGHING CONTROLLER



50.00 kg

# Making the World Measurable Linking Your Smart Life



# 7-inch Touch Screen

Easy Operation, Elegant Appearance.



## A/D Max. 960t/s Display Accuracy 1/100000

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



### Standard I/O

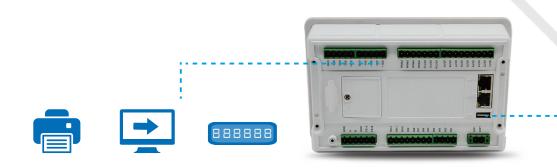
12 Input/16 OutputActive Low for Input500mA for Single Drive CurrentSelf-definded Ports



### **USB** Port

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

Standard RS485+RS23(ModbusTCP)
Easier for System Interaction



**GM9907-L2** Touch Screen Packing Controller

GM9907-L2 is a single-hopper packaging controller with high visibility touch screen.

# **Version Features**

### PROGRAMMING

Freely Programmable I/O for users to definde the controling process conveniently

lser Logic-1		
、Logic Type 1		Delay ON 🔺
Logic Type		
0: CIOSE	3: Delay ON&Delay OF	F
1: Delay ON	4: OFF-ON,Edge Trigge	er
2: Delay OFF	5: ON-OFF,Edge Trigge	er

### ADJUSTMENT

Supporting adaptive feed rate adjustment for optimized result by only setting the target value.

2.Sys&Com		
Function Parameter		
3、Running Stable Timeout	0.0s	
Adaptive Switch		
0: OFF		
1: Two Steps		
2: Three Steps		
1/1 Last Page Next Pa	ge	
		n

### MULTI-MODE

Supporting the hopper/nonhopper mode, bulk scale, valve type PLC mode. Supporting Pnenmatic and electric mode.

Operator	0: Target	1: Time Parameter	2: Over/Under Parameter
1.Recipe	3: Auto Free Fall Corrction Parameter	4: Jog Flow Parameter	5: With Hopper Parameter
2.Sys&Com		Parameter	8: Ton Scale
	6: No Hopper Parameter	7: PLC Parameter	8: Ion Scale Parameter
	9: Valve Scale Parameter		
	Recipe ID :	Target : 0.00kg	
		oloong	
			Return
			Return



Supporting I/O tests, easy for products debugging.



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



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



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



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



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

# Interface

The working interface and testing interface can be switched accoding to different roles' application.



		lumber 1				
2.Target			6.ACI	JM And Batch		
3.Coarse Flow Remains	Recipe AU	CM(1-10)				
4.Medium Flow Remains	Recipe ID	Target	AC	JM Weight	ACUM PC	s 🔺
	01	0.00kg		287.59kg	3	
5.Free Fall	02	2.00kg		0.00kg	0	
6.Near Zero Band	03	0.00kg		0.00kg	0	
â	04	0.00kg		0.00kg	0	
,	05	0.00kg		0.00kg	0	
	06	0.00kg		0.00kg	0	
	07	0.00kg		0.00kg	0	

# 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

### 12 Input/16 Output

For starting, stopping, feeding, unloading, clamping/loosening bags, etc.

#### ModbusTCP

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

### RS485+RS232

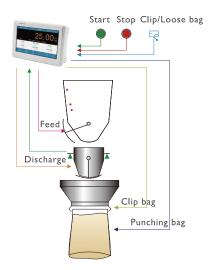
For connecting PC, PLC, Printer, Label Printer, Remote Display, Code Printer, or other external devices, for reading and setup remotely.

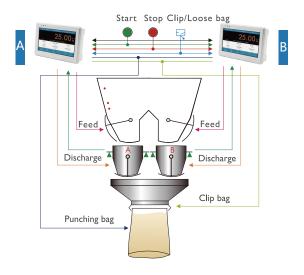
### USB

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



# **Application Schematic Diagram**





Single Channel Packaging Controller with Hopper

# **GM9907-LD** Touch Screen Double Packing Controller

GM9907-LD is a dual-hopper packaging controller with high visibility touch screen.

# **Version Features**

### MULTI-MODE

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

Working Parameter				
Basic Parameter	Advandced Parameter	er Structure Parameter		
1.Weighing Structure		With Weighing Hopper		
2.Working Structure		Dual Weighing With Hopper		
3.A,B Target Configure Separately		OFF		
4.Filling Mode		Solo Filling		
5.Shortcut-5		Auto Zero Interval		
6.Hopper Weighing Limit		0.00kg		
Ó			Return	

### MULTI-USAGE

Support single scale and dual scale.

Motor Paramrter		
Filling Parameter	Bag Clutch Parameter	Discharge Parameter
1、Filling Mode	Air Drive 🔺	
2、Filler Gate Close C	4.0s	
Filling Mode		
0: Air Dive		
1: Step Motor Dive		
2: Motor Dive		Cancel

### ADJUSTMENT

50.00

50.00 kg

Supporting adaptive feed rate adjustment for optimized result by only setting the target value.

Administrator			
Recipe	Working parameter contains Basic Parameter, Advanced Parameter,etc.		
Working Parameter			
Peripherals	A Adaptive B Adaptive		
Motor Parameter	Setting Stop Stop		
Calibration	Digital Filter		
ACUM And Batch	0		
I/O Module	Stable Range Zero Range		
Serial Port	0 d 50%		
User Management			
System Info.	Exit		



Supporting I/O tests, easy for products debugging.



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



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



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



Multiple levels of operating missions, such as users, admintisrators and system administrator.



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

# **Button Functions**

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

# 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.

# I/O Port

#### USB

For importing and exporting formula, working, I/O function, communication and other parameters, also for upgrading system/software, and customizing boot screen.

### 12 Input/16 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.

### RS485+RS232

Shortcut Setting Other Setting

Manual Discharge request bag loced

Realtime Detecting When Discharg

Indicator has 40 recipe memories from 01 to 40. Each recipe includes many parameters. User can according set and edit this value.

Recipe ID

Target 0.00kg

Button : 1-Choose Recipe

Auto Zero Interval

Result Checking Mode

2.Shortcut-2 3.Shortcut-3

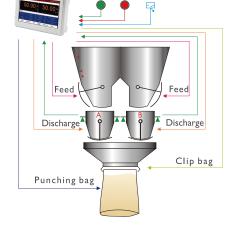
4 Shortrut-4

5.Shortcut-5

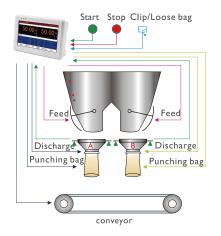
6.Shortcut-6

For starting, stopping, and carrying out A/B scale feeding, A/B scale unloading and other operations.

# **Application Schematic Diagram**



Start Stop Clip/Loose bag

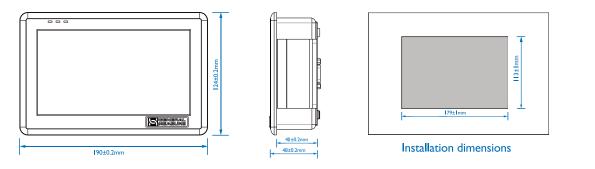


Double Channel Packaging Controller with Hopper

# Specification

	Model	GM9907-L	
General	Power Supply	DC24V	
	Operating Temperature	-10 to 40 C	
	Maximum Humidity	90% R.H without dew	
Specification	Test Standard	Class III 6000e, 1uV/d	
	Power Consume	About 15W	
	IP Level	Front panel IP65	
	Туре	24-bit Sigma-Delta	
	Conversion Rate	120/240/480/960 SPS	
	Non-Linear	0.01% F.S	
	Gain Drifting	10PPM/C	
	Minimum Sensitivity	0.05 uV/d	
A/D Converter	Analog Input Range	0.02mV -15mV	
	Display Accuracy	1/100000	
	Power Source for Load Cell	DC5V 125mA (MAX)	
	Input Resistance	10ΜΩ	
	Zero Point Adjustment Range	$0.02 \sim 8 \text{mV}$ (When the transducer is $2 \text{mV/V}$ .)	

# **Dimensions**





### General Measure Technology Co., Ltd.

Add: A1-3/F, Block C, Tongfang Information Harbor, No.11 Langshan Rd., North Area of High-tech Park, Xili, Nanshan District, Shenzhen, China. Tel/Wechat: +86 185 6585 5789 E-mail: xjlv@szgmt.com Web: www.gmweighing.com

