GM9907 SERIES

TOUCH SCREEN WEIGHING CONTROLLER

CE PA

Making the World Measurable
Linking Your Smart Life

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

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 Output
Active Low for Input
500mA for Single Drive Current
Self-definded Ports

USB Port

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

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

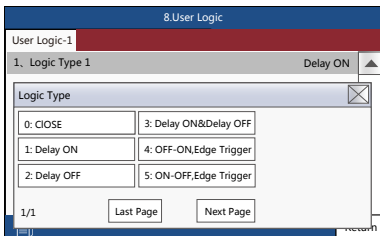GM9907

GM9907-L2

Touch Screen Packing Controller

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

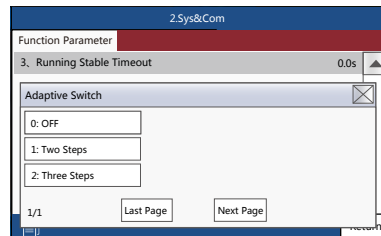## Version Features

PROGRAMMING

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

ADJUSTMENT

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

MULTI-MODE

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

Supporting I/O tests, easy for products debugging.

Automatic three material speed feeding control, with optional manual slow feeding function.
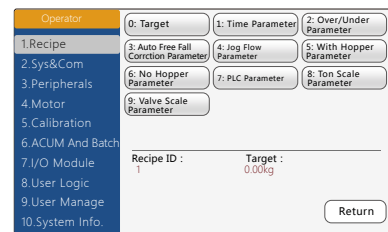
Multiple levels of operating permissions, such as users, admintisrators and system administrator.

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.

Interface

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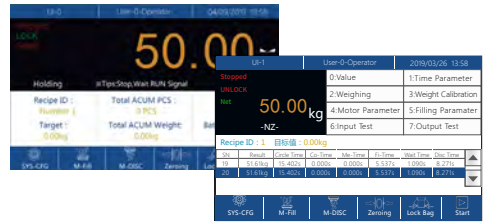
Database

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.
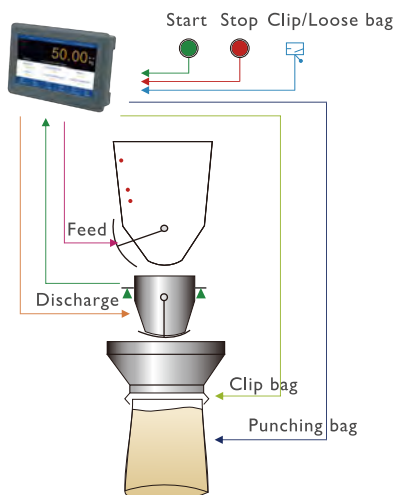
RS485+RS232

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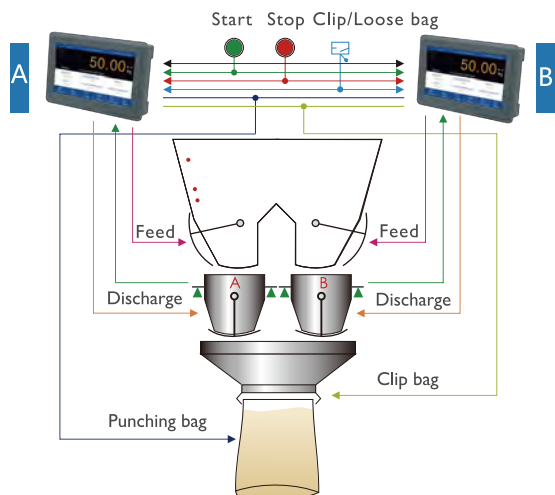
USB

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

Double Channel Packaging Controller with Hopper

GM9907-LD
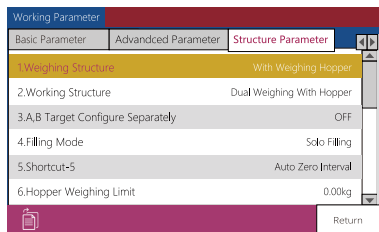## Touch Screen Double Packing Controller

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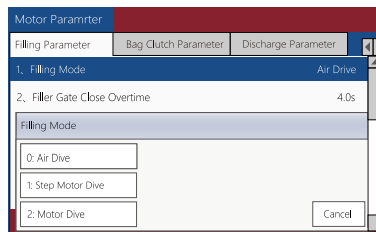
Version Features

MULTI-MODE

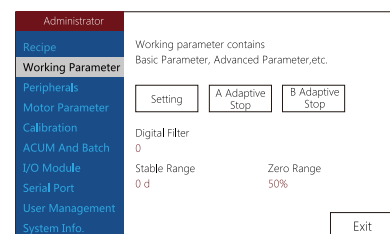Supporting hopper / non-hopper mode, pnenmatic and electric mode.

MULTI-USAGE

Support single scale and dual scale.

ADJUSTMENT

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

Supporting I/O tests, easy for products debugging.

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

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

Batch setting function, patting bags function, suitable for packaging powder materials.
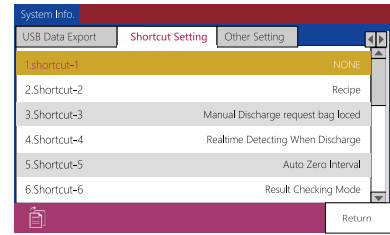
Feed control function, convenient for controlling the connection between packaging scale and feeding equipment.

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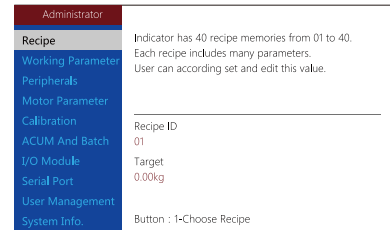
Button Functions

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

System Info.			
USB Data Export	Shortcut Setting	Other Setting	
1.shortcut-1			NONE
2.Shortcut-2			Recipe
3.Shortcut-3		Manual Discharge request bag loced	
4.Shortcut-4		Realtime Detecting When Discharge	
5.Shortcut-5		Auto Zero Interval	
6.Shortcut-6		Result Checking Mode	
			Return

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

I/O Port

| USB	12 Input/16 Output	RS485+RS232
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, stopping, and carrying out A/B scale feeding, A/B scale unloading and other operations.

Application Schematic Diagram
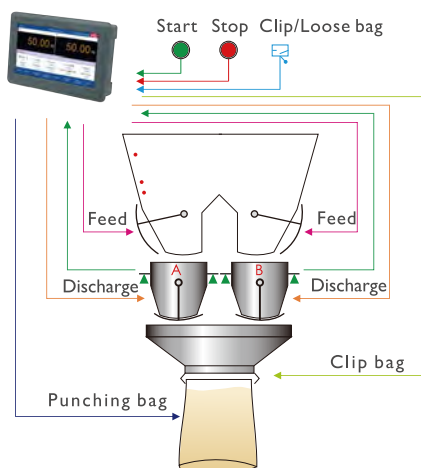
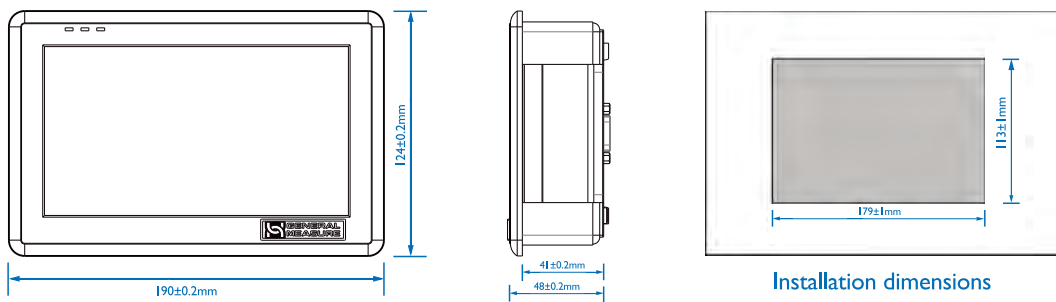
Double Channel Packaging Controller with Hopper
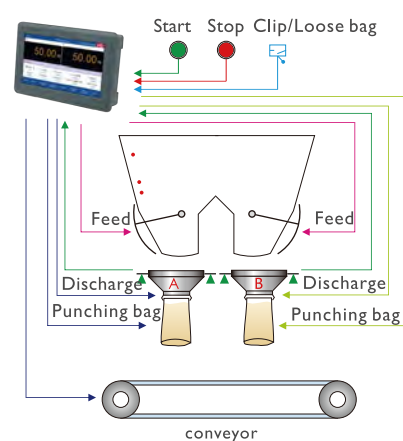
Double Channel Packaging Controller without Hopper

Specification

Model		GM9907-L
General Specification	Power Supply	DC24V
	Operating Temperature	-10 to 40℃
	Maximum Humidity	90% R.H without dew
	Test Standard	Class III 6000e, 1uV/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	0.05 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

124±0.2mm
190±0.2mm
41±0.2mm
48±0.2mm

113±1mm
179±1mm

Installation dimensions

LinkedIn   Facebook   Wechat