



# M04 Series

## Weighing Controller



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Making the World Measurable  
Linking Your Smart Life



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

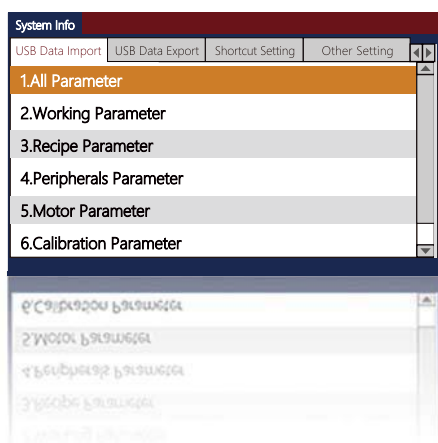


## A/D Max. 960t/s Display Accuracy 1/100000

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	
6.ACUM And Batch	
7.I/O Module	
8.Serial Port	
9.User Management	
10.System Info.	
<hr/>	
Recipe ID	
01	
Target	
0.00kg	
<hr/>	
Button : 1-Choose Recipe	



## 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

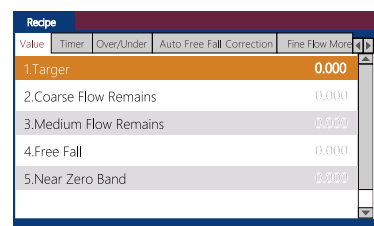
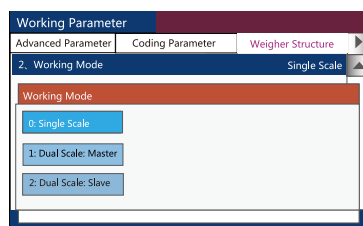


M04-2 software supports for multi-type bagging scale application.

## 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.

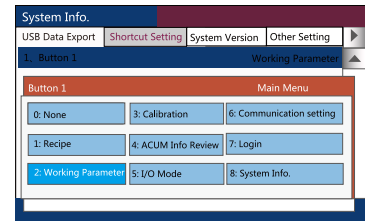
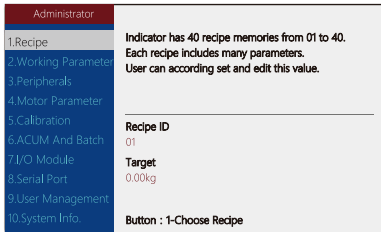


Multiple levels of operating permissions, such as users, administrators and system administrator.



# Button Functions

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



## 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.

### ModbusTCP

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

### RS485+RS232

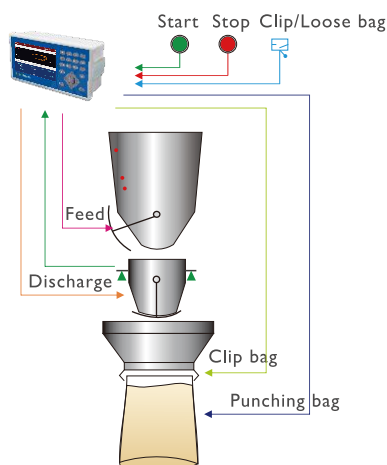
For connecting PC, PLC, Printer, Label Printer, Remote Display, or other external devices, for reading and setup remotely.

### USB

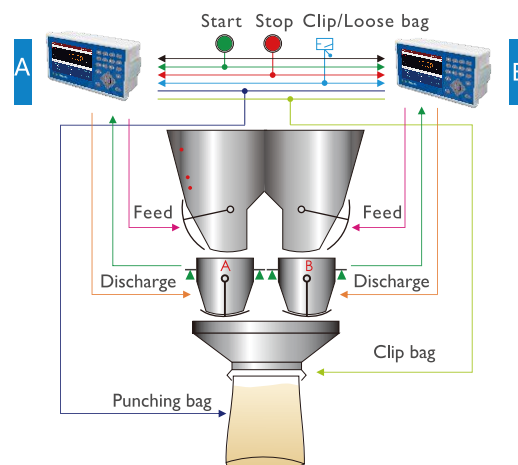
For importing and exporting recipes, works, I/O function, communication and other parameters, upgrading system software, customizing boot screen, etc.



## Application Schematic Diagram



Single Channel Packaging Controller with Hopper



Double Channel Packaging Controller with Hopper

# M04-D

## Bagging Scale Controller with Double Hopper

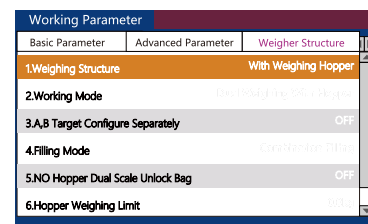
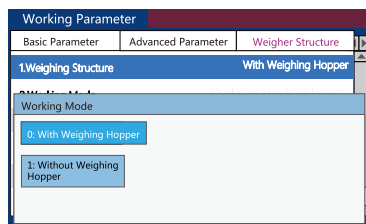


M04-D software supports for multi-type bagging scale application (dual mode).

## Version Features

### MULTI-MODE

Supporting hopper / non-hopper mode, pneumatic 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 Parameters	
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

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

## RS485+RS232

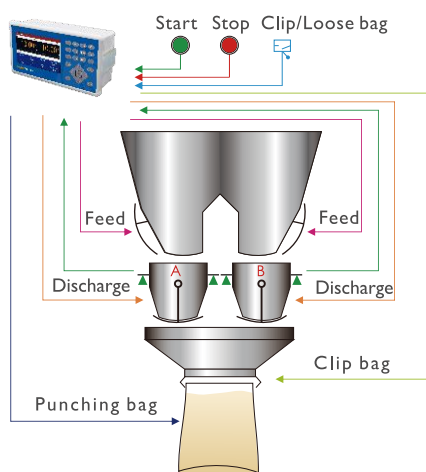
For connecting PC, PLC, printer, label printer, remote display, coding machine or other external equipment, which can be used for remote reading and setting.

## 12 Input/17 Output

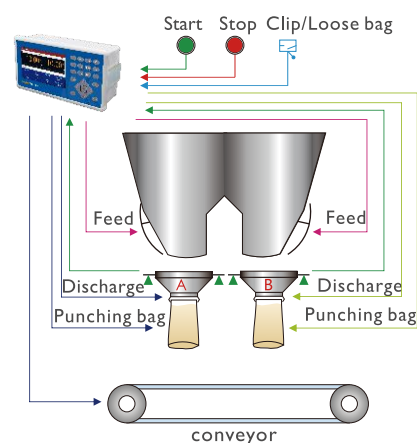
For starting , and stopping, and carrying out A/B scale feeding, A/B scale unloading and other operations.



# Application Schematic Diagram



Double Channel Packaging Controller with Hopper



Double Channel Packaging Controller without Hopper



# M04-5

## Bulk Scale Controller

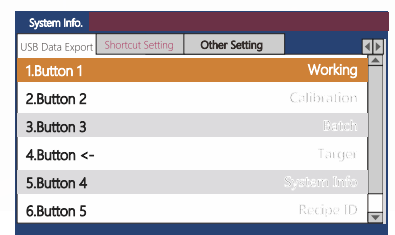
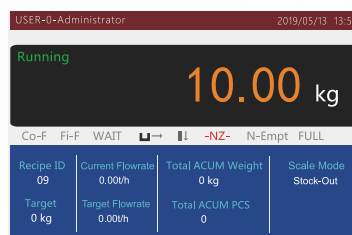


M04-5 software supports for continuous weighing bulk scale application to solve the problem of batch weight and automatic totalizing of incoming and outgoing materials.

## 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.



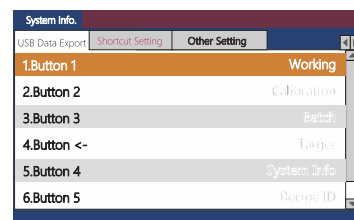
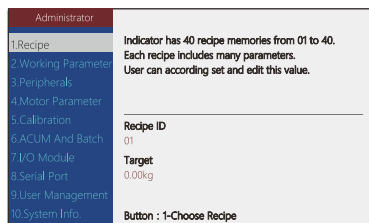
Feeding control function facilitates the control connection between feeding equipment and discharging equipment.



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.



## 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.

### ModbusTCP

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

### RS485+RS232

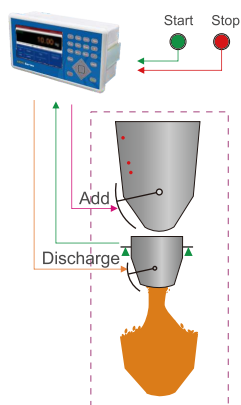
For connecting PC, PLC, Printer, Label Printer, Remote Display, or other external devices, for reading and setup remotely.

### USB

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



## Application Schematic Diagram



Continuous Weighing

# M04-6/6D

## Single/Double Nozzle for Liquid Filling Application

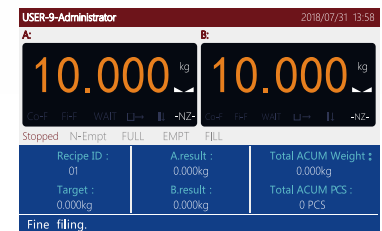
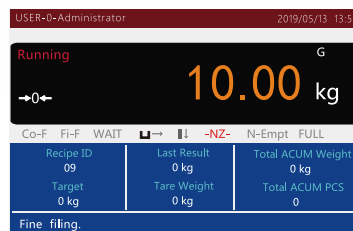


M04-6/6D software supports for single/double nozzle liquid filling application.

## 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.

## Auxiliary logic programming function

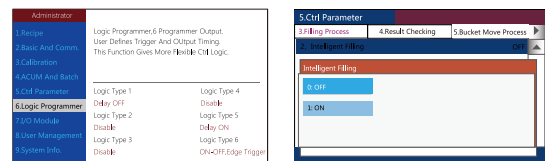
Up to 6 sets of logic trigger signals can be defined, and simple logic signal output can be configured to control the upper barrel, gland, coding and other auxiliary devices.

## Database

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

## Intelligent feeding control

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



## I/O Port

### RS485+RS232

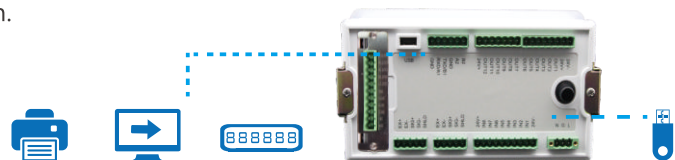
For connecting PC, PLC, printer, label printer, remote display, coding machine or other external equipment, which can be used for remote reading and setting.

### USB

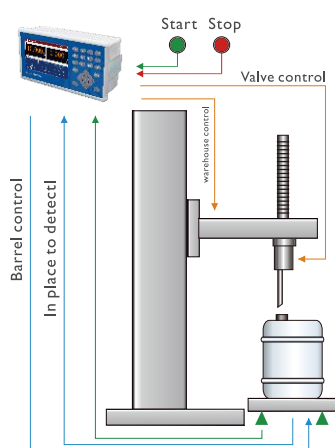
For importing and exporting formula, working, I/O function, communication and other parameters, also for upgrading system software, and customizing boot screen.

### 8 Input/12 Output

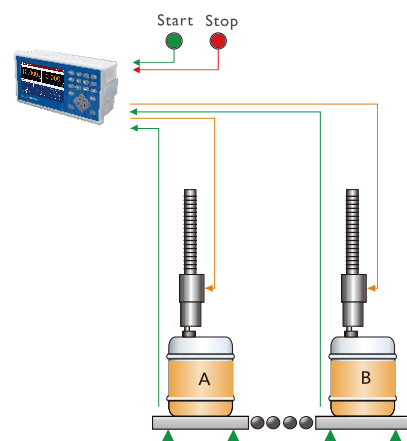
For starting, stopping, feeding, unloading, clamping/loosening, etc.



## Application Schematic Diagram



Single Nozzle for Liquid Filling Application



Double Nozzle for Liquid Filling Application

# ENTERPRISE PROFILE

**30<sup>+</sup>**  
years

Industry Experience

**40<sup>+</sup>**

Country Sales

**100<sup>+</sup>**

R&amp;D Patent

**2000<sup>+</sup>**

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**  
PRECISION GROUP

**altus**

**中国邮政**  
CHINA POST

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