

M04-2

Bagging Scale Controller



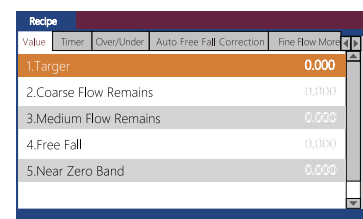
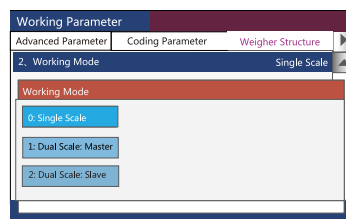
M04-2 software supports for multi-type bagging scale application.



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



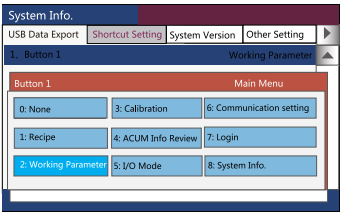
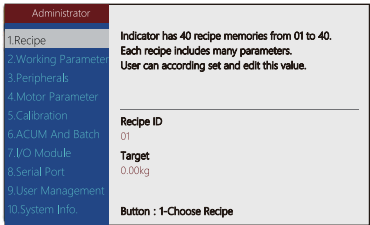
Feed control function, convenient for controlling the connection between packaging scale and feeding equipment.



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.

RS485+RS232

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

USB

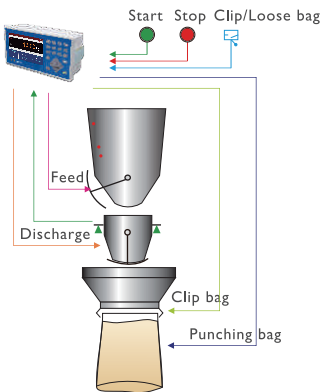
For importing and exporting recipes, works, I/O function, communication and other parameters, upgrading system software, customizing boot screen, etc.

ModbusTCP

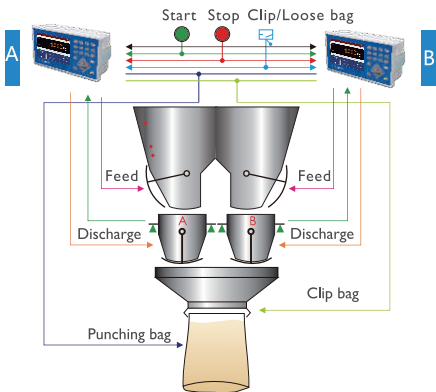
For connecting PC, PLC, Printers, etc. , for reading remotely.



Application Diagram



Single Channel Packaging Controller with Hopper



Double Channel Packaging Controller with Hopper

M04-D

Bagging Scale Controller with Double Hopper



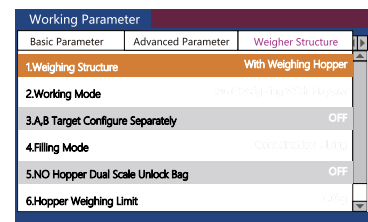
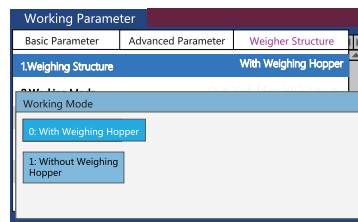
M04-D software supports for multi-type bagging scale application (dual mode).



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
1.Button 1	Working
2.Button 2	Calibration
3.Button 3	Batch
4.Button 4	Target
5.Button 5	System Info
6.Button 6	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	
6.ACUM And Batch	
7.I/O Module	
8.Serial Port	
9.User Management	
10.System Info.	

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

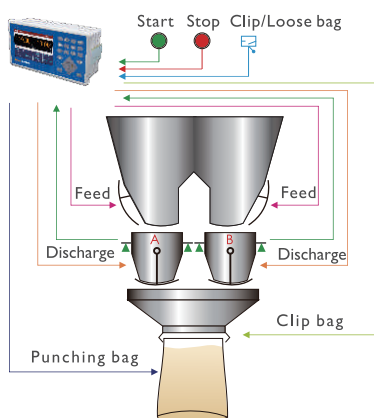
For connecting PC, PLC, printer, label printer, remote display, coding machine or other external equipment, which can be used for remote reading and setting.

I2 Input/I7 Output

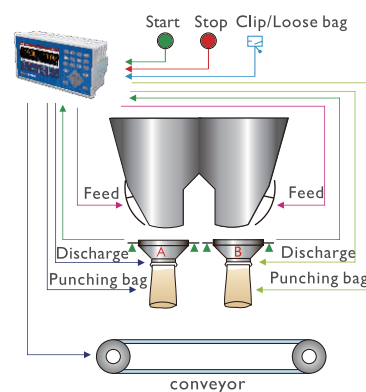
For starting , and stopping, and carrying out A/B scale feeding, A/B scale unloading and other operations.



Application Diagram



Double Channel Packaging Controller with Hopper



Double Channel Packaging Controller without Hopper

M04-5

Bulk Scale Controller

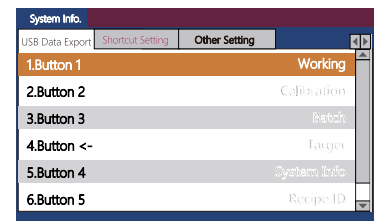
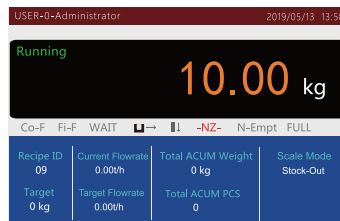


M04-5 software supports for continuous weighing bulk scale application to solve the problem of batch weight and automatic totalizing of incoming and outgoing materials.

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.



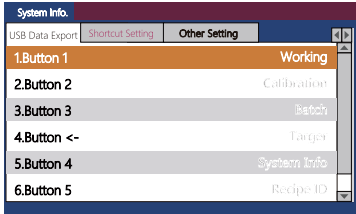
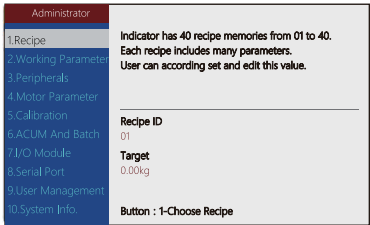
Feeding control function facilitates the control connection between feeding equipment and discharging equipment.



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

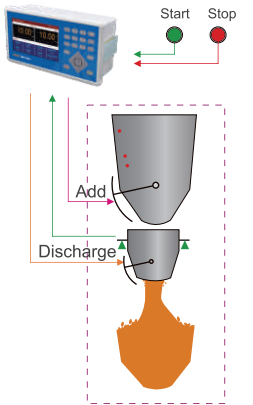
For connecting PC, PLC, Printer, Label Printer, Remote Display, or other external devices, for reading and setup remotely.

USB

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



Application Diagram



Continuous Weighing

M04-6/6D

Single/Double Nozzle for Liquid Filling Application



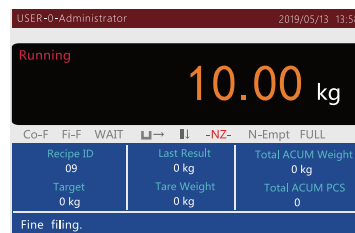
M04-6/6D software supports for single/double nozzle liquid filling application.



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

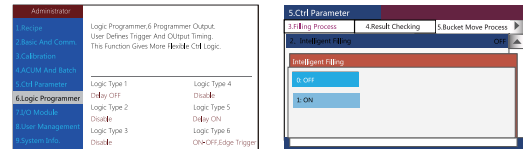
Up to 6 sets of logic trigger signals can be defined, and simple logic signal output can be configured to control the upper barrel, gland, coding and other auxiliary devices.

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

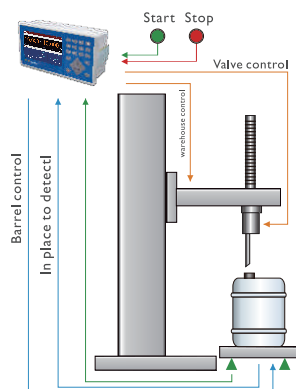
For importing and exporting formula, working, I/O function, communication and other parameters, also for upgrading system software, and customizing boot screen.

8 Input/12 Output

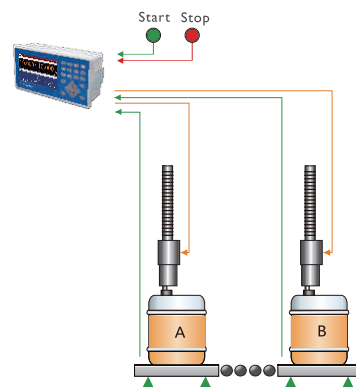
For starting, stopping, feeding, unloading, clamping/loosening, etc.



Application Diagram



Single Nozzle for Liquid Filling Application



Double Nozzle for Liquid Filling Application