M04 SERIES

WEIGHING CONTROLLER

CE OIML

Making the World Measurable
Linking Your Smart Life

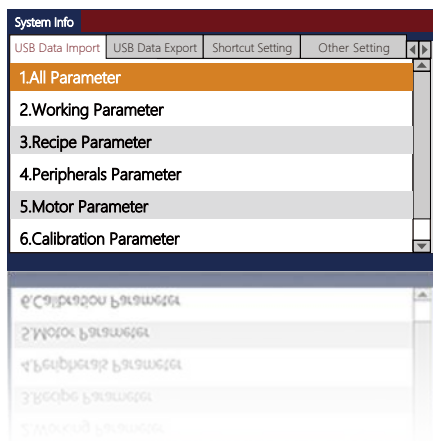It can be widely used in food, feed, seed, chemrical, building materials, other industries.

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

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

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

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3. USB Port

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

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

System Info

USB Data Import	USB Data Export	Shortcut Setting	Other Setting
1.All Parameter			
2.Working Parameter			
3.Recipe Parameter			
4.Peripherals Parameter			
5.Motor Parameter			
6.Calibration Parameter			

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4. 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-D

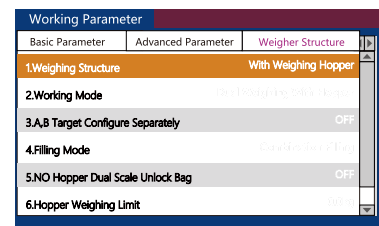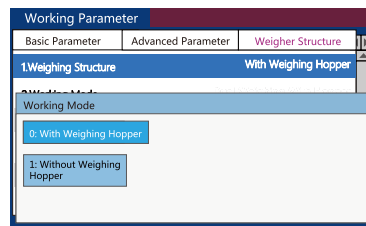## Bagging Scale Controller with Double Hopper

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

Version Features

MULTI-MODE

Supporting hopper / non-hopper mode, 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, administrators and system administrator.

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

Feed control function, conveni-ent 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 Parameter	
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

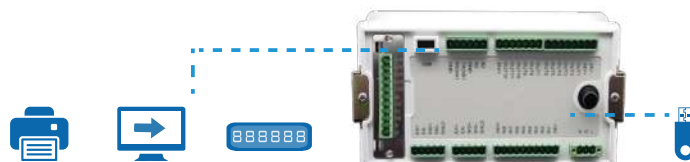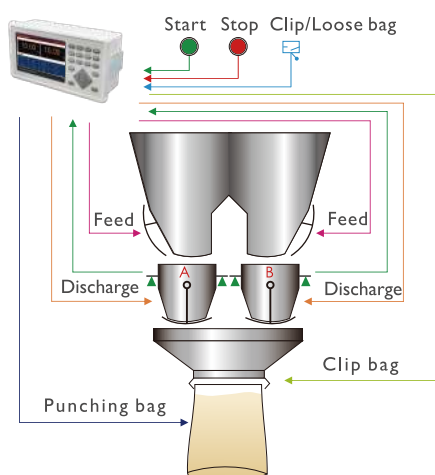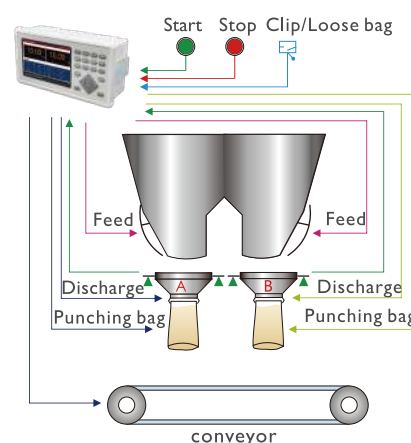| USB	RS485+RS232	12 Input/17 Output
For importing and exporting formula, working, I/O function, communication and other parameters, also for upgrading system/software, and customizing boot screen.	For connecting PC, PLC, printer, label printer, remote display, coding machine or other external equipment, which can be used for remote reading and setting.	For starting , and stopping, and carrying out A/B scale feeding, A/B scale unloading and other operations.

Application Schematic Diagram
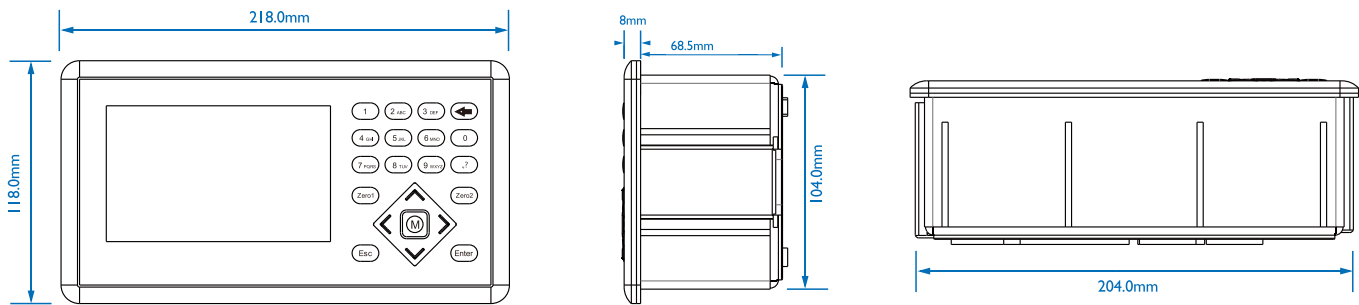

Double Channel Packaging Controller with Hopper

Double Channel Packaging Controller without Hopper

Specification

Model		M04
General Specification	Power Supply	AC90~260V 50Hz(or 60Hz) ±2%
	Operating Temperature	-10 to 40℃
	Maximum Humidity	90% R.H without dew
	OIML Standard	OIML R76: Class III 6000 divis. 1μV/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	0.02 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

LinkedIn   Facebook   Wechat