

# M06-3

## DIN Rail Mount Loss-In-Weight Controller



M06-3 is a loss-in-weight controller for high precision continuous dosing application. It can be applied to the liquid/powder/granule/flake dry bulk materials, providing function of accurate and stable feeding, reducing material waste, and improving the consistency of the complex material. M06-3 is mainly used in chemical industry, plastics, rare earth smelting and other industries.

### Functions & Features

#### Weasy Functions

- Standard 2.95-inch touch screen, well-designed interface;
- Optional WEINVIEW 7-inch touch screen, well-designed interface, easy operation;

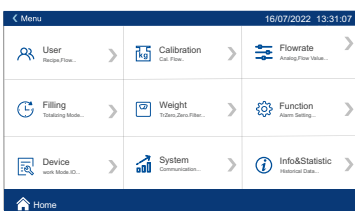


• Standard



• Optional

- Modular design, clear interface and easy operation;



- Support 4 points flow calibration, single point flow calibration, more accuracy;

Flowrate			
Flowrate Dead Zone		0.000 N/A	
Analog 1	0.000 N/A	Flowrate 1	0kg/h <a href="#">Single Cal</a>
Analog 2	0.000 N/A	Flowrate 2	0kg/h <a href="#">Single Cal</a>
Analog 3	0.000 N/A	Flowrate 3	0kg/h <a href="#">Single Cal</a>
Analog 4	0.000 N/A	Flowrate 4	0kg/h <a href="#">Single Cal</a>
CAL Duration		0 s	
Handover Delay		0 s	<a href="#">Auto Cal</a>

- Historical data check and excel export;

Historical Data					
Single Total Weight *1					
Number	Time	Date	Real Time Flowrate	Single Total	Output Electric Param
1	11:05	08/08/2022	0.00	0	0.000
2	11:05	08/08/2022	0.00	0	0.000
3	11:05	08/08/2022	0.00	0	0.000
4	11:05	08/08/2022	0.00	0	0.000
5	11:05	08/08/2022	0.00	0	0.000
6	11:06	08/08/2022	0.00	0	0.000
7	11:06	08/08/2022	0.00	0	0.000
8	11:06	08/08/2022	0.00	0	0.000
9	11:06	08/08/2022	0.00	0	0.000



### Hardware Features

- DIN rail mounted, compact design, easy installation;
- Various configuration interface, support RS232/RS485 dual serial ports + Ethernet;
- EMC anti-interference, adapt to harsh industrial environment.



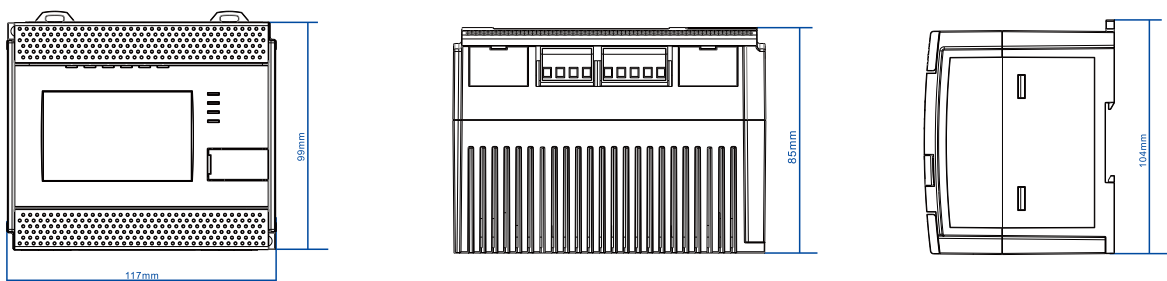
### Software Features

- Third generation algorithm of flow control, automatic flow adjusted for stable performance;
- Automatic function of lock and UN-lock of flow rate;
- Support two network devices to access indicator parameters at the same time;
- VPT anti-interference function for stable performance;
- Multi material switch function for at most 10 different material to change.

## Standard specification

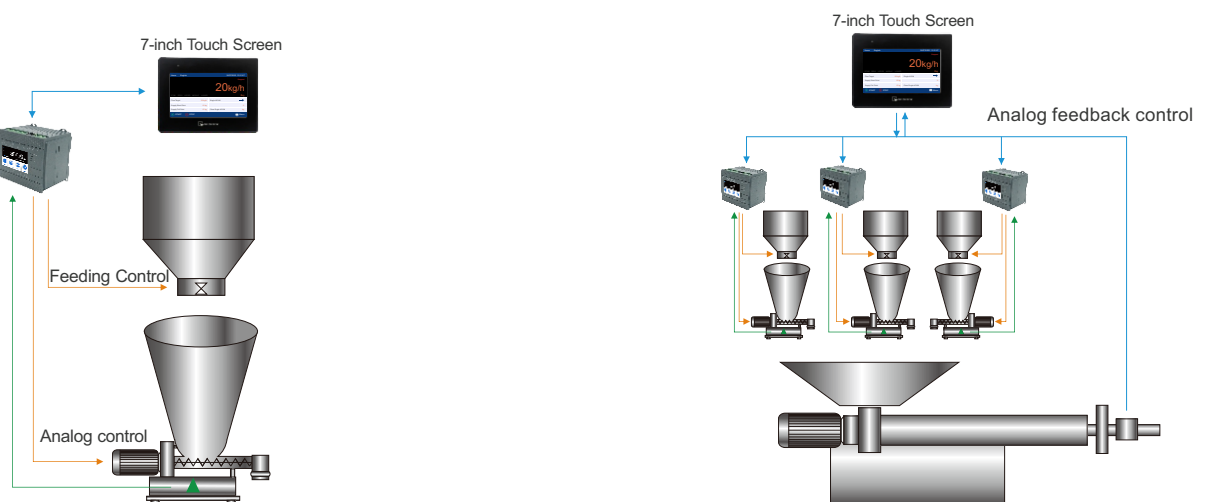
General Specifications	Model	M06-3
	Power	DC 24V (DC 12~30V)
	Size	117*104*85mm
	Weight	350g
	Using environment	-10~40°C, 90%R.H or less (Condensation must be avoided)
	Power consumption	Approx. 6W
	Drive voltage	5V 200m(MAX)
	Weighing scale connections	1 weighing scale connection; Up to 8 loadcell (350Ω)connections; Support sensitivity of 1mV/V、2mV/V、3mV/V.
Weighing Specification	A/D performance	24-bit Sigma-Delta
	A/D conversion speed	120/S
	Non-linearity	0.01%FS
	Gain drift	3PPM/°C
	Sensitivity	0.1μV/d / 0.5μV/d
	Input range	0 ~15mV
	Display resolution	1/100,000
Hardware Option	Standard	RS485/RS232+Modbus TCP+1 analog output
	Analog Optional 1	2 analog output
	Analog Optional 2	1 analog input+1 analog output
	Analog Optional 3	1 analog input+2 analog output

Unit:mm



## Application Figure

Unit:mm



Continuous Dosing Application

Multi-heads Continuous Dosing



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