

GMC-P7

Touch Screen Weighing Controller



GMC-P7 weighing controller is designed for dynamic weighing/packing/batching applications, widely used in grain and seeds, feeds, rubber and plastic, and the chemical industry.

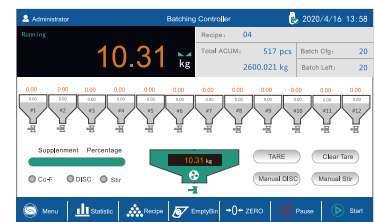
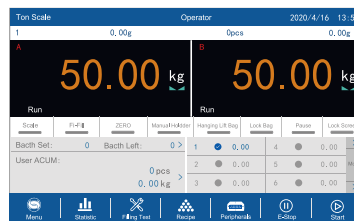
DESCRIPTION



Application Software

Multiple Software Selection:

- Single hopper packing;
- Double hopper packing;
- Reduce weight method packing;
- Bulk scale;
- Batching scale.

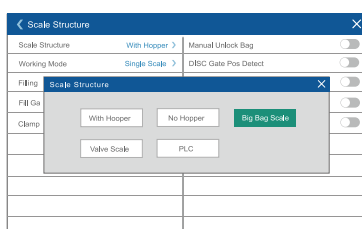


User-friendly Design

- 7-inch touch screen, interactive design, and easy operation;
- Record the weight of every pack, million data storage and export.

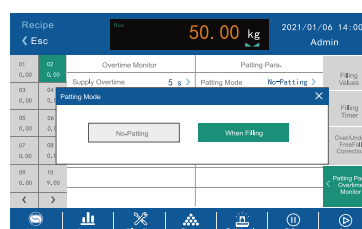
Multi-Mode

- Multi-Mode: With Hopper, No Hopper, Big Bag Scale, Valve Scale, PLC;



Adaptive Function

- Automatic drop correction function, feeding speed adaptive function;



Patting Mode

- Starting Patting mode when filling material to shape bags by setting relevant parameters;





Robust & Durable



Strong anti-interference

- Metal case with SS306 and aluminum provides better EMC protection and screen protection;
- 500mA over-current protection for IO port;



Sealing & Dust-proof performance

- 3mm front panel with rubber seal strip makes it fit control box well, which improves the sealing and dust-proof performance;

External keyboard

- Support mouse and keyboard control by USB connection;



Automatic traction module

- Equipped with GMA-X1 automatic traction module, reduce workforce cost, improve working efficiency;



MCU

- MCU with quad-core (Linux) for fast images and data processing ability;



Multiple Communication Methods

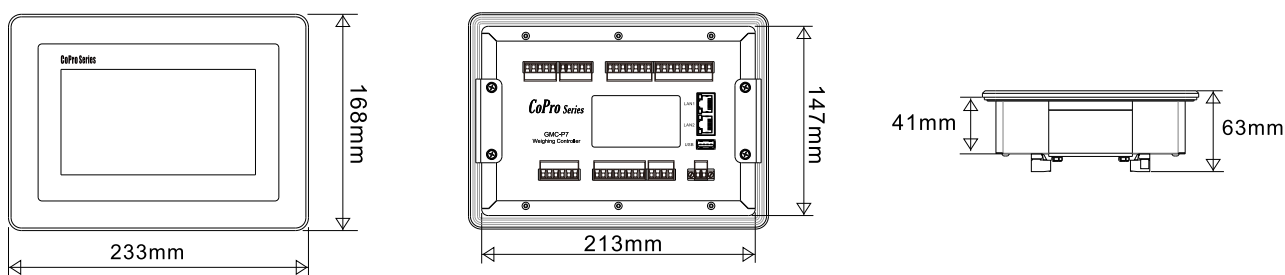
- **RS232+RS485** for connecting PC, PLC, Printer, Label Printer, Remote Display, Code Printer, or other external devices, for reading and setup remotely;
- **12 Input/16 Output** for starting, stopping, unloading, clamping/loosening bags, etc.;
- **Modbus TCP** for connecting PC, PLC, Printer, etc., for reading remotely;
- **USB** for importing and exporting recipes, I/O function communication parameters and other working parameters, upgrading system software, customizing boot screen, etc.



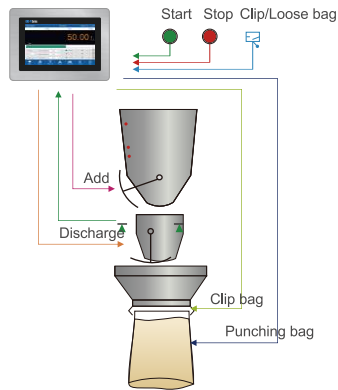
Standard specification

General Specifications	Model	GMC-P7 (CoPro Series)
	Power Supply	DC 24V plus or minus 5%
	Working temperature	-10°C~40°C
	Maximum humidity	90% R.H without dew
	Testing standards	Class III 6000 e, 1 μ V/d
	Power consumption	About 15 w
A/D Conversion	A/D performance	24 bit Delta-Sigma
	A/D conversion speed	120/240/480 times/per second
	Non-linearity	0.01%FS
	Gain drift	10PPM/°C
	Input sensitivity	0.02 μ V/d
	Display Accuracy	1/100,000
	Input range	0.02~15mV
	Sensor power supply	DC5V 125mA(Max)
	Input impedance	10M Ω
Application Software	Zero steady range	Maximum 0.002 ~ 15mV(Load Cell 3mV/V)
	• Single hopper packing;	
	• Double hopper packing;	
	• Reduce weight method packing;	
	• Bulk scale;	
Function extension	• Batching scale.	
	Equipped with GMA-X1 automatic traction module, reduce workforce cost	

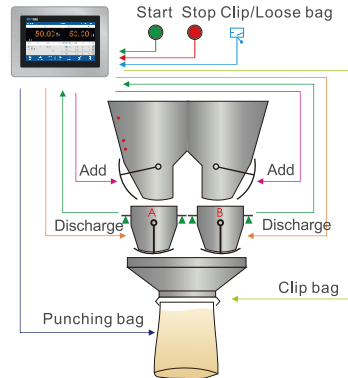
Dimension



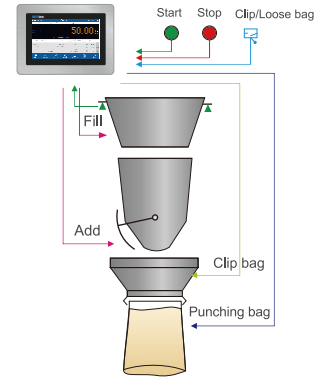
Application



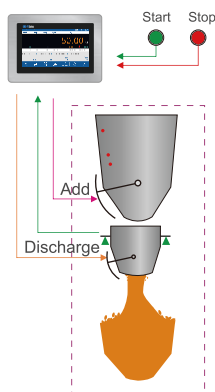
• Single hopper packing



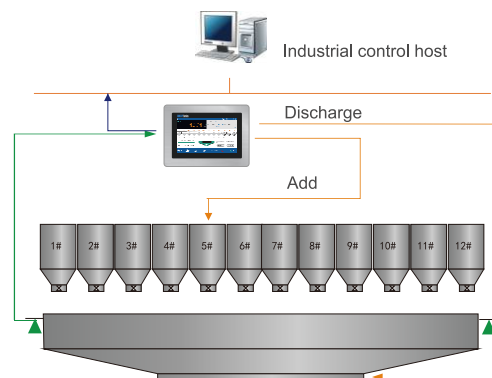
• Double hopper packing



• Reduce weight method packing



• Bulk scale



• Batching scale

