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 industries.
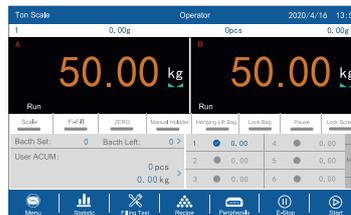
DESCRIPTION

CE

Application Software

Multiple Software Selection:
- Simplex packing;
- Duplex packing;
- Reduce weight method packing;
- Bulk Scale (Continuous weighing);
- 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.

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.

Robust & Durable

Strong anti-interference

- Metal case with SS304 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;

MCU

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

Harsh desk/wall mount version

- Provide harsh desk/wall mount version for installation;
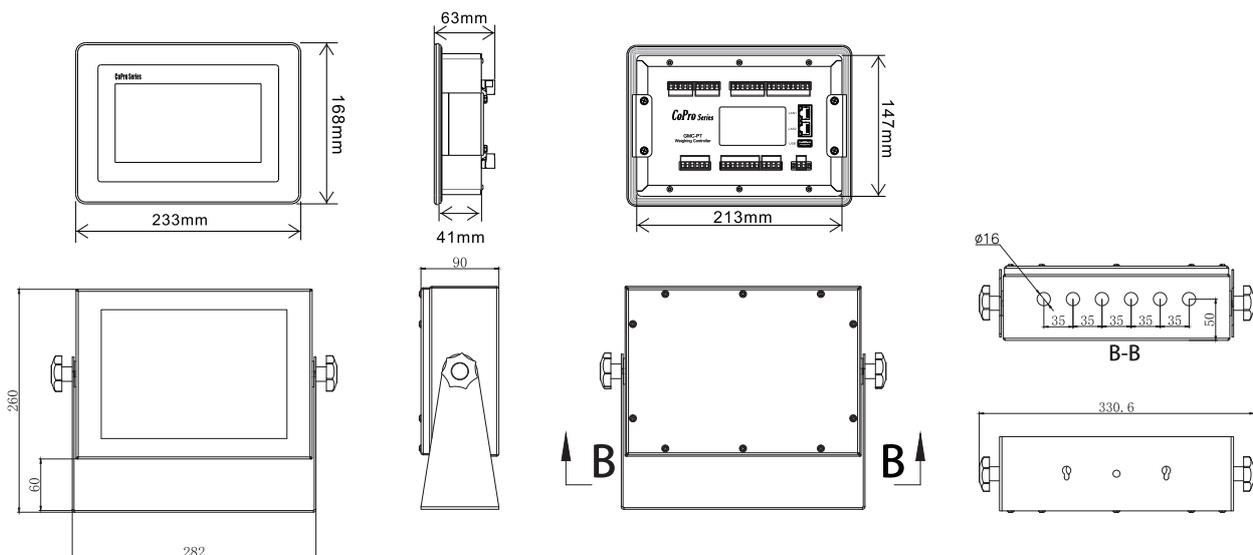
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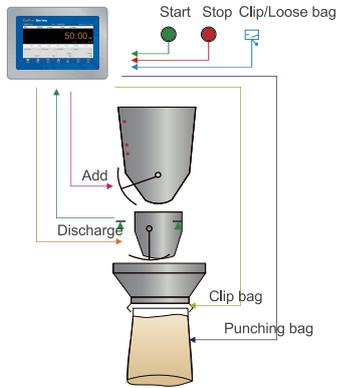
Specifications

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

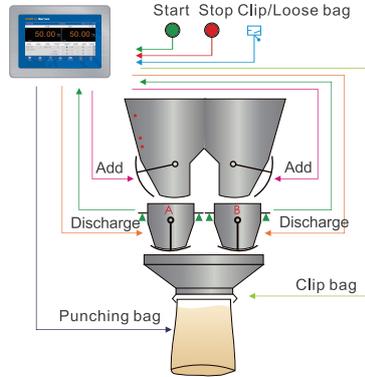## Dimension   Unit:mm
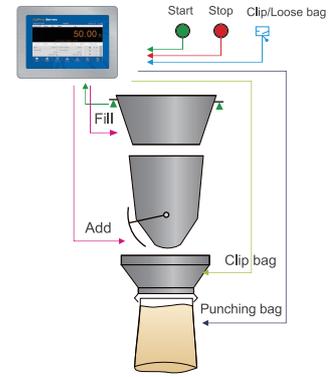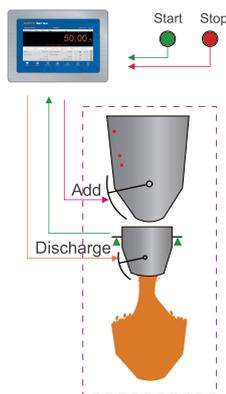
Application

- Simplex Packing
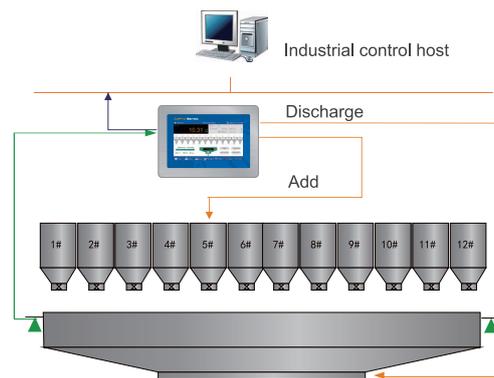

- Duplex Packing

- Reduce Weight Method Packing

- Bulk Scale (Continuous weighing)

- Batching Scale

General Measure Technology Co.,Ltd.

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