



G-2301P

Panel-Mount Weighing Indicator (Bagging Scale)

The G-2301P is a new-generation panel-mount weighing controller designed for bagging scale. With its compact design, stable performance, and powerful functions, the controller features a dual-row digital display that simultaneously shows weight, feeding status, recipe number, target value, analog output, and other information. It is widely used in packing applications across the grain, feed, fertilizer, chemical, and food industries.



HARDWARE HIGHLIGHTS



- Standard

 - ①Load cell : 6-wire interface;
 - ②Serial port: 1 RS485 or RS232;
 - ③I/O: 4 inputs and 10 outputs;
 - ④USB: 1 port;
- Options

 - ①Network: single or dual ports, for Modbus TCP/IP or a PROFINET;
 - ②Analog output: 1 or 2 channels of 16-bit analog output, current mode or voltage mode are available.
(Hardware Option ①② can be selected at the same time)





FEATURES

- **Flexible Mechanism Compatibility:** Feeding mechanisms including pneumatic feeders, vibratory feeders, screw feeders, and stepper-controlled gates; Discharge mechanisms such as pneumatic actuators, reversible motors, and rotary motors.
- **Recipe Management and Data Traceability:** Supports 100 product recipes and stores up to 10,000 operation, alarm, and packing records. Data can be exported via USB.
- **Printing for Fast Operation:** Supports one-touch printing of packing data for efficient operation, convenient record retrieval, and streamlined production management.
- **Parameter Backup and Fast Migration:** Backs up and imports controller parameters and calibration data via USB, significantly reducing equipment maintenance time.
- **Dual Lock Protection:** Keyboard lock and calibration lock functions help prevent unauthorized parameter changes and calibration, ensuring stable equipment operation.
- **Remote Setting and Device Management:** Weasy-Config PC software or web for remote parameter configuration and status monitoring, simplifying setup and maintenance.

Specifications		
General Specifications	Model	G-2301P
	Power Supply	24VDC (18~30VDC)
	Dimensions	103*91*56(mm)
	Product Weight	345g
	Operating Environment	-10~40℃, 90%R.H,non-condensing
	IP Grade	IP65(Front Panel)
	Keys	6 keys
Measurement Parameters	Approval Standard	ClassIII 6000e,1μV/e
	Load Cell Excitation Voltage	5V 200mA(MAX)
	Load Cell Requirements	1 analog load cell interface, Connect up to 8×350 Ω load cells, for 1mV/V、2mV/V、3mV/V;
	Input Sensitivity	0.01μV/d
	Nonlinearity	0.01% F.S
	A/D Sampling Speed	50/60/100/120/200/240/400/480/800/960 (SPS)
Maximum Display Resolution		1/1,000,000

Dimension

Unit:mm

