



DO Pneumatic Gate Control
 AO Electric Vibrator Control
 PWM Step Motor Control

Main Applications

- ◆ Single-weighing-hopper Ration Packing Scale.
- ◆ Single-weighing-bag Ration Packing Scale.
- ◆ Loss-in-weight Ration Packing Scale.

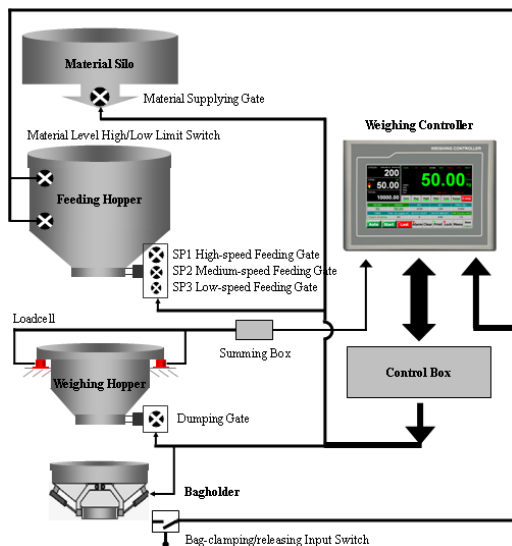
Main Features

- ◆ EMC design with high anti-jam for industrial environment.
- ◆ DC24V power input with reverse polarity protection.
- ◆ Cortex-A8 CPU with 600MHz Clock, 128M Flash.
- ◆ 7" [800×480] or 10.2" [1024×600] TFT touch panel.
- ◆ 24-bit $\Sigma-\Delta$ ADC with internal resolution 1/1,000,000.
- ◆ High sampling frequency 800Hz.
- ◆ Special Anti-vibration Digital Filtering Algorithm for precise weighing, stable display and rapid response.
- ◆ Auto Zero Tracking.
- ◆ Fall Value Auto Correction.
- ◆ Auto Pause for Deviation Alarm.
- ◆ Auto Re-feed for Negative Deviation Alarm.
- ◆ Target Batch Count & Target Batch Weight Control.
- ◆ Definable DI/DO/AO/COM[Communication Port].
- ◆ 3-speed[high/medium/low] feeding control by DOs or AOs.
- ◆ Recipe Number: 100.

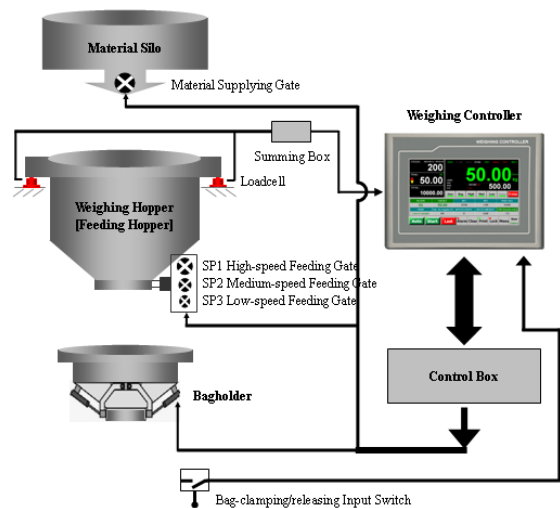
Technical Specifications

- ◆ Power Supply: DC24V±20%, Max. 10W.
- ◆ Loadcell Excitation Voltage/Current: DC5V/250mA.
- ◆ 16 Loadcells[350Ω] connectable.
- ◆ Weighing Signal Input Range: 0~12.5mV.
- ◆ 9 Normally Open Switch Inputs [DI].
- ◆ 18 Normally Open Transistor Outputs [DO]: DC24V, 500mA.
- ◆ 2 Analog Signal Outputs [AO]: 0~10V, Max.50mA.
- ◆ COM&COM1: RS232; COM2: RS485.
- ◆ USB1: Connect mouse, software download, data backup.
- ◆ LAN: Optional Ethernet.
- ◆ Outline Size [W×H×D]
 - ◇ 7": 226.5 × 163 × 36 mm.
 - ◇ 10.2": 274 × 193 × 40 mm.
- ◆ Panel Cut-out Size [W×H]
 - ◇ 7": 215 × 152 mm.
 - ◇ 10.2": 261 × 180 mm.
- ◆ Operating Temperature: -25°C~+45°C.
- ◆ Protection Level of Front Panel: IP65.
- ◆ Accuracy Grade: III.
- ◆ Verification Accuracy: 0.02%.
- ◆ Static Weighing Accuracy: 0.2%~0.5%.
- ◆ Packing Accuracy: 0.2%~0.5%.

High-frequency Sampling Anti-vibration Filter High-accuracy Weighing Precise Feeding Control



Single-weighing-hopper Mode



Loss-in-weight Mode