



Series:BST106
Model: H18-F/E

Ration Batching Controller

Main Applications

- H18(F): 5-Material Ration Batching Scale.
- H18(E): 8-Material Ration Batching Scale.

Main Features

- EMC design with high anti-jam for industrial environment.
- 32-bit ARM CPU with 72MHz clock & high arithmetic speed.
- 6+10 Green VFD digital tubes for English&digit display.
- 24-bit $\Sigma-\Delta$ ADC with internal resolution 1/1,000,000.
- High sampling frequency 400Hz.
- Special Anti-vibration Digital Filtering Algorithm for precise weighing, stable display and rapid response.
- Auto Zero Tracking.
- Fall Value Auto Correction.
- Auto Re-feed for Negative Deviation Alarm.
- Target Batch Count Control.
- Auto Pause for Gross Weight Upper Limit & Deviation Alarm.
- 'Manual Pause' Operation.
- Batching Process Power-off Protection.
- 2-speed(high/low) feeding control by DOs or AOs.
- Definable AO/COM(Communication Port) .
- Recipe Number: 10.

Technical Specifications

- Power Supply: AC85~264V, 50/60Hz, Max. 10W.
- Loadcell Excitation Voltage/Current: DC10V/250mA.
- 8 Loadcells(350 Ω) connectable.
- Weighing Signal Input Range: 0~25mV.
- 7 Normally Open Switch Inputs (DI).
- 12 Normally Open Transistor Outputs (DO): DC24V, 500mA.
- 1 Analog Signal Output (AO): 4~20mA, 0.05%FS.
- COM1: RS232.
- COM2: Optional RS232/RS485/RS422/Profibus-DP/Ethernet.
- Connect Host IPC, Remote Display, Printer&Wireless Module.
- Outline Size (W×H×D): 164 × 82 × 188 mm.
- Panel Cut-out Size (W×H): 153 × 77 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%.
- Batching Accuracy: 0.2%~0.5%.

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



Concrete Batching Scale

