



Series:BST106

Model: M10-EB

TFT-Touch Ration Batching Controller (1-scale)

**Increment Ration Feeding
Control & Loss-in-weight
Ration Mixture-dumping**

Main Applications

- Ration Batching Scale with 1-16 materials [Single-scale].
- Loss-in-weight Ration Mixture-dumping Control.

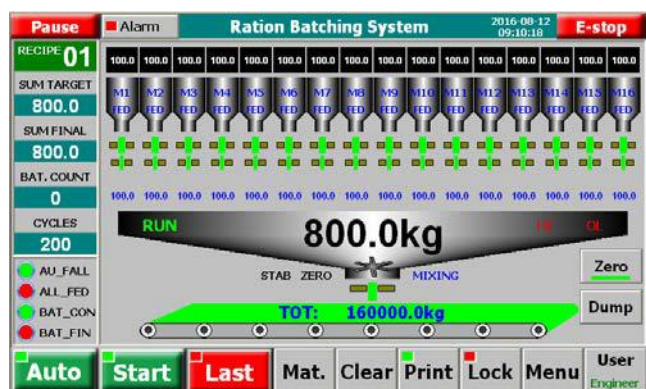
Main Features

- 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 Σ - Δ 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.
- Load Calibration and Loss Calibration.
- 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.
- 2-speed(high/low) feeding control by DOs or AOs.
- Definable DI/DO/AO/COM(Communication Port).
- Recipe Number: 100.

Technical Specifications

- Power Supply: DC24V $\pm$ 20%, Max. 10W.
- Loadcell Excitation Voltage/Current: DC5V/250mA.
- 16 Loadcells(350 Ω) 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%.
- Batching Accuracy: 0.2%~0.5%.

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



16-material Batching Mode



Ration Batching Scale