



Series:BST106
Model: M10-FL

Fill on Drum's Top Mode
Fill on Drum's Bottom Mode
Step-fill from Bottom Mode

Main Applications

- Liquid/Gas/Powder Ration Fillingweigher.
- 'Fill on Drum's Top' / 'Fill on Drum's Bottom' / 'Step-fill from Bottom' Modes.

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-fill for Negative Deviation Alarm.
- Target Batch Count & Target Batch Weight Control.
- Filling Gun Impacting Drum Alarm.
- 3-speed[high/medium/low] filling control by DOs or AO.
- 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%.
- Filling Accuracy: 0.2%~0.5%.

High-frequency Sampling Anti-vibration Filter High-accuracy Weighing Real-time Alarm Output

