

Main Applications

* M10[BH]: For Increment Ration Packing Scale

[Single-Scale & Double-Scale Modes]

* M10[FH]: For Increment Ration Packing Scale.

[Four-Scale Mode]

* M10[FB]: For Ration Batching Scale with 4-material I& 2-speed Feeding.

[Single-Scale & Four-Scale Modes]

* M10[EB]: For: 1-16 Materials Ration Batching Scale

[Single-scale Mode]

* M10[CK]: For Auto Checkweigher.

* M10[AX]: For: Dynamic Axle Weigher

[Single-scale&Double-scale&Four-scale Modes]

* Customized Products.

Main Features

- * EMC design with high anti-jamming capability, suitable for industrial environment.
- * 24-bit Σ - Δ ADC with internal resolution 1/1,000,000 and sampling frequency 400Hz.
- * Special anti-vibration digital filtering algorithm for ensuring the weighing stability and accuracy when there is strong vibration on the load receptor, and the rapid response capability when the weight signal changes.

Technical Specifications

- * Power Supply: DC24V \pm 20%, Max. 6W.
- * Cortex-A8 CPU with 600MHz clock & higher arithmetic speed.
- * 16-bit Color Screen with 800 \times 480[7"] or 1024 \times 600[10.2"] pixel.
- * Excitation Voltage / Max. Current: DC5V, 2 \times 120mA [2 \times 8 350 Ω -loadcells].
- * Weighing Signal Input Range: 0~12.5mV.
- * 1-2 Optional&Definable Analog Signal Output [AO: 0~10V/Max.50mA, 0.05%FS].
- * 9 Normally open switch inputs [DI] and 16 normally open transistor switch outputs [DO: DC24V, 500mA].
- * COM1: RS232; COM2: RS485; For connecting Host IPC/PLC[Modbus], LED Remote Display and Serial Printer.
- * USB for copying Excel files of History Records via U disk.
- * Outline Size [W \times H \times D]
- * 7": 226.5 \times 163 \times 36 mm.
- * 10.2": 274 \times 193 \times 40 mm.
- * Panel Cut-out Size [W \times H]
- * 7": 215 \times 152 mm.
- * 10.2": 261 \times 180 mm.
- * Operating Temperature: -10 $^{\circ}$ C~+40 $^{\circ}$ C.
- * Protection Level of Front Panel: IP65.
- * Accuracy Grade: III.
- * Verification Accuracy: 0.02%.
- * Packing/Filling/Batching /Weight-checking Accuracy: 0.2%~0.5%.



BST106-M10
[7"/10.2"]



Single-hopper-weighing & Single-bag-weighing Packing Scale



Double-hopper-weighing & Double-bag-weighing Packing Scale

Typical Applications

Multi-Application Mode

Good Anti-Vibration Performance



Single-hopper-weighing Packing Scale



Double-hopper-weighing Packing Scale



Auto Checkweigher