

Main Applications

- ◆ M01[AH]: For 1-hopper-weighing & 1-bag-weighing Packing Scale.
- ◆ M01[BH]: For 2-hopper-weighing & 2-bag-weighing Packing Scale.
- ◆ M01[DL]: For Loss-in-weight Ration Packing Scale.
- ◆ M01[FL]: For Liquid Ration Fillingweigher.
- ◆ M01[FT]: For 15-Material Ration Batching Scale.
- ◆ M01[CK]: For Auto Checkweigher.
- ◆ M01[TL]: For Totalizing Weigher.
- ◆ M01[FS]: For Force Measuring System.
- ◆ Customized Products.

Main Features

- ◆ EMC design with high anti-jamming capability, suitable for industrial environment.
- ◆ 24-bit $\Sigma-\Delta$ 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 $\times$ 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 $\sim$ +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-M01
[7"/10.2"]



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



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

Typical Applications

Multiple Application Mode Good Anti-Vibration Performance



Single-hopper-weighing Packing Scale



Double-hopper-weighing Packing Scale



Auto Checkweigher