

## Main Applications

- \* Suitable for Auto Checkweigher. Batch Counting, Weight Totalizing and DO outputs of 5 Sorting Areas [Normal / Uppermost Limit / Upper Limit / Lower Limit / Lowest Limit] available.

## 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.
- \* 'Target Batch Finished' alarm function available.

## H17 Technical Specifications

- \* Power Supply 1: DC24V $\pm$ 20%, Max. 10W.
- \* Power Supply 2: AC85~264V, 50/60Hz, Max. 10W.
- \* 32-bit ARM CPU with 72MHz clock & higher arithmetic speed.
- \* 6+10 Green VFD digital tubes for English character and digit display.
- \* Excitation Voltage / Max. Current: DC10V/250mA [8 350 $\Omega$ - loadcells].
- \* Weighing Signal Input Range: 0~25mV.
- \* 1 Optional&Definable Analog Signal Output [AO: 4~20mA, 0.05%FS].
- \* 7 Normally open switch inputs [DI] and 12 normally open transistor switch outputs [DO: DC24V, 500mA].
- \* COM1: RS232; COM2: Optional RS232/RS485/RS422/ Profibus-DP/Ethernet; For connecting Host IPC/PLC[Modbus], LED Remote Display, Serial Printer and Wireless Module.
- \* 10 Setpoint Forms for weight-checking&sorting control.
- \* Outline Size [W×H×D]: 164 × 82 × 188 mm.
- \* Panel Cut-out Size [W×H]: 153 × 77 mm.
- \* Operating Temperature: -25°C~+40°C.
- \* Protection Level of Front Panel: IP65.
- \* Accuracy Grade: III.
- \* Verification Accuracy: 0.02%.
- \* Dynamic Weight-checking Accuracy: 0.2%~0.5%.



**BST106-H17**



**BST106-B60[C]**

## B60[C] Technical Specifications

- \* Power Supply: DC24V $\pm$ 20%, Max. 5W.
- \* 32-bit ARM CPU with 48MHz clock & higher arithmetic speed.
- \* 6+8 Red LED digital tubes for English character and digit display.
- \* Excitation Voltage / Max. Current: DC9V/120mA [4 350 $\Omega$ - loadcells].
- \* Weighing Signal Input Range: 0~22.5mV.
- \* 1 Optional&Definable Analog Signal Output [AO: 4~20mA, 0.05%FS].
- \* 6 Normally open switch inputs [DI] and 8 normally open transistor switch outputs [DO: DC24V, 250mA].
- \* Optional RS232 or RS485 communication port for connecting Host IPC/PLC[Modbus] and LED Remote Display.
- \* 1 Setpoint Form for weight-checking&sorting control.
- \* Outline Size [W×H×D]: 110 × 62 × 150 mm.
- \* Panel Cut-out Size [W×H]: 94 × 47 mm.
- \* Operating Temperature: -25°C~+40°C.
- \* Protection Level of Front Panel: IP65.
- \* Accuracy Grade: III.
- \* Verification Accuracy: 0.03%.
- \* Dynamic Weight-checking Accuracy: 0.2%~0.5%.

Typical Applications

| Multiple Working Modes

| Good Anti-Vibration Performance



Auto Check weigher



Auto Check weigher