

## Main Applications:

- \* H16[A]/B66[A]: For Single-hopper-weighing & Single-bag-weighing Ration Packing Scale.
- \* H16[D]/B66[D]: For Loss-in-weight Ration Packing Scale.
- \* H16[F]/B66[F]: For Liquid Ration Fillingweigher.

## 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.
- \* Optional 'Fast/Medium/Slow Feeding/Filling' DOs or AO for feeding/filling control. Optional 'Slow Feeding/Filling Modes: Continuous Mode and Inching Mode.
- \* Optional functions: 'Fall Value Auto Correction', 'Auto Pause while Deviation Alarming' and 'Target Batch & Target Totalized Weight Control'.

## H16 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 packing/filling control.
- \* Outline Size [W $\times$ H $\times$ D]: 164  $\times$  82  $\times$  188 mm.
- \* Panel Cut-out Size [W $\times$ H]: 153  $\times$  77 mm.
- \* Operating Temperature: -25 $^{\circ}$ C~+40 $^{\circ}$ C.
- \* Protection Level of Front Panel: IP65.
- \* Accuracy Grade: III.
- \* Verification Accuracy: 0.02%.
- \* Packing/Filling Accuracy: 0.2%~0.5%.



**BST106-H16**



**BST106-B66**

## B66 Technical Specifications:

- \* Power Supply: DC24V $\pm$ 20%, Max. 5W.
- \* 32-bit ARM CPU with 48MHz clock and 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 packing/filling control.
- \* Outline Size [W $\times$ H $\times$ D]: 110  $\times$  62  $\times$  150 mm.
- \* Panel Cut-out Size [W $\times$ H]: 94  $\times$  47 mm.
- \* Operating Temperature: -25 $^{\circ}$ C~+40 $^{\circ}$ C.
- \* Protection Level of Front Panel: IP65.
- \* Accuracy Grade: III.
- \* Verification Accuracy: 0.03%.
- \* Packing/Filling Accuracy: 0.2%~0.5%.

Typical Applications

| Multi Working Modes

| Good Anti-Vibration Performance



Single-hopper-weighing Packing Scale



Loss-in-weight Packing Scale



Liquid Fillingweigher