



BST100-E01



BST100-E11



BST100-E21

More Advanced Technology More Excellent Quality

Main Applications

- ◆ Suitable for Ration Belt Weighfeeder with Ration Flow Feeding & Ration Weight Batch Control.

Main Features

- ◆ ARM CPU system with EMC design and higher arithmetic speed.
- ◆ 128×64 dots LCD display screen with 7 background colors for Chinese /English display.
- ◆ Chinese/English keypad for Menu&Shortcut operation with key tone.
- ◆ Optional 'External Speed' or 'Inner Speed' working mode.
- ◆ Auto-locking, Key-locking, Key-unlocking, Digital Setting&Calibration and I/O Testing functions available.
- ◆ Auto Zero Tracking, Speed Calibration and Belt Length Calibration functions available.
- ◆ The feeder and belt weigher can be started and stopped by DI&DO.
- ◆ Quick and steady PID for ration feeding control available.
- ◆ 2 Optional communication ports for linking to IPC/PLC, remote display & operation terminal, serial printer and wireless module.
- ◆ Standard MODBUS communication protocol and support industry configuration software, e.g. iFix.
- ◆ Weight Records per shift/day/month of a year for querying and printing.

Technical Specifications

- ◆ Power: AC220V±15%, 50/60Hz, Max. 15W.
- ◆ Loadcell Excitation Voltage: DC10V.
- ◆ Weighing Signal Input Range: 0~25mV.
- ◆ Max. Connection Quantity: 8 Loadcells (350Ω).
- ◆ 24-bit Σ - Δ ADC; Sampling Frequency: 100Hz; Non-linearity: 0.005%FS.
- ◆ Speed Sensor Excitation Voltage: DC5~12V (adjustable).
- ◆ Speed Signal Input Range: 0.5~3000Hz.
- ◆ 1 'Flow Setpoint' Analog Signal Input [AI: 4~20mA, 0.05%FS].
- ◆ Max.3 Definable Analog Signal Outputs [AO: 4~20mA, 0.05%FS].
- ◆ 3 Definable Normally Open Switch Inputs and 4 Definable Normally Open Relay Outputs [DO: AC250V/DC24V, 1A].
- ◆ 1 'Totalized Weight High-speed Pulse' Output [PO: DC5~24V, 100mA].
- ◆ COM1 Optional: RS232/RS485/RS422/Profibus-DP/CANBUS /Ethernet modules. COM2: RS232.
- ◆ Outline Dimension [W×H×D]
 - ◇ E01: 86 × 164 × 193 mm.
 - ◇ E11: 164 × 86 × 193 mm.
 - ◇ E21: 202 × 305 × 90 mm.
- ◆ Cut Dimension [W×H]
 - ◇ E01: 77 × 153 mm.
 - ◇ E11: 153 × 77 mm.
- ◆ Service Temperature: -20℃~+40℃.
- ◆ IP Grade
 - ◇ E01/E11: IP50.
 - ◇ E21: IP65.

