

Model BST-1069 Belt Scale Totalizer/Rate Display

Designed to connect directly to conveyor scale loadcell(s) weight sensors and a suitable belt scale speed reference to provide an accurate readout of the conveyed material delivery rate and accumulated totals.



- 11"W x 12"H x 8"D Nema 12 enclosure suitable for indoor or protected outdoor use. The data display is clearly visible through the clear weather tight cover.
- Two-line by twenty (20) character vacuum fluorescent alphanumeric data display.
- English language prompted display and data entry keypad; display & controls are mounted behind the hinged see through front panel to permit easy but deliberate access.
- Digital display of conveyed material delivery rate, accumulated total and non-resettable total.
- Both manual and automatic zero rate adjust.
- Prompted weighed load calibration procedure with prompted automatic recalibration.
- Prompted calibration procedure by test weights with prompted automatic recalibration.
- Non volatile data storage retains all setup parameters and accumulated data indefinitely.
- Compatible with any weigh scale utilizing 4 or less 350 ohm 4 or 6 wire loadcells.
- Belt speed proportional input may be obtained either from a speed sensor such as SYSTEMS model FFF60-12C or from the line frequency of a 110-volt conveyor interlock signal.
- User specified input signal filtering, and totalizer threshold.
- User specified Threshold anticipator extends the accumulating interval on both the start and at the end of the material flow to allow accurate totalization even in slug fed operations.
- Powered by 110vAC 50-60 hertz, or 10-30 volt DC.
- *Optional* Analog output signal, 4-20ma DC, (0-5 v DC or 0-10 v DC available).
- *Optional* Isolated totalizer count output.
- *Optional* Batching measurement & Control output.
- *Optional* serial or parallel printer output.
- *Optional* custom options are available through SYSTEMS engineering group.

Products are sold subject to SYSTEMS Equipment's current Warranty, Terms, & Conditions.