

**Conveyor Weighing Unit: Model-101**

This is an important component of conveyor weighing system. It is based on a popular 8-bit microcontroller. The system monitors input and display flow rate. It also integrates input over a period of time. This integrated total is non resettable.

**SPECIFICATIONS:**

- Input: 0-1 VDC, Proximity (PNP type)
- Digital Inputs: Two (Potential free contacts)
- Display: 14 Digit 7-segment 0.56" Red LED display organized in three groups.
  - Aggregate Rate (Tons/Hour) : 4 Digits
  - Conveyor Speed (Meter/Sec) : 3 Digits
  - Total aggregate (Tons) : 8 Digits
- Non-resettable eight digit Totaliser (Reset possible only thro' Password)
- Keypad: Eight keys membrane keypad
- Discrete LEDs: Two
- Power Supply: 230V +/- 10% AC
  
- Proximity power supply: +24V DC/50 mA
- Output Options: 0 to 10 V DC
  - Relay: One for alarm condition
- Serial interface: RS232 or RS485 (Optional)
- Scaling method: Linear (Multiplying factors: Programmable)
- Warm up time: 10 Minutes
- Accuracy: 0.1% of FS +/- 1 Digit
- Enclosure: Metalised DIN standard, Panel Mounting type
- Dimensions: Outer: 144 mm x 144 mm x 120 mm  
Panel Cutout: 138 mm x 138 mm
- Weight: Approx. 2 Kgs

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