

## ED09

### Specifications:

- 1. 24bit ADC:** Such a high ADC ensures the least count even upto 1gram i.e. the controller can detect minimum 1gm and thus giving better accuracy. Thus higher the ADC, better can be the accuracy.
- 2. 1600 samples/second (Sample rate):** Such a high sampling rate ensures the fastest Analog to Digital conversion thus faster monitoring and measuring of weighment leading to higher accuracy along with the high bagging rate.
- 3. Filters:** The Digital, Display, and Noise filters filter out the disturbing signals due to vibration, electrical interference, or noise. Thus enabling the controller for the better performance.
- 4. Customized I/O's:** All the Inputs and Outputs are fully customized and can be assigned and changed according to the need. Thus in case of any I/O failure the same can be assigned to other just only by a little modification in the program. This leads to prevention of the partial hardware part or total replacement of the controller, unlike the other general controllers available in the market.
- 5. LCD Display:** 5.7" fully touch screen colour LCD screen is more easier to operate and easy selection of the keys.
- 6. Customized display data screen:** The data to be shown and other animation on the screen is fully customized and can be modified according to the need.
- 7. Memory backup:** Even after power off for 10years the memory will remain saved in the controller.
- 8. IP67:** Controller panel is IP67, thus prevented from dust leading to better lifetime.
- 9. Auto Tare:** Before starting each weighment, the controller auto tares the weight of the weigh-pan to Zero. In case of any sticking of the material it the weigh-pan the error coming out in the final weighment is eliminated.



<b>Salient Features of Controller</b>	
1.	Microprocessor-based Colour Touch Screen with soft touch buttons on RUN page.
2.	Auto tare in each weighment.
3.	256 Presetable recipes for quick weighment size change.
4.	In built Troubleshooting guide.
5.	Accuracy – 0.1%gm/sigma*
6.	Bagging Speed – 20 bags/min*
7.	Auto In-flight correction for each bag.
8.	In Flight Value display at RUN Screen with Auto Storage.
9.	Emergency/ Pause Availability
10.	Total Bag Counter, Nominal Weight, Cumulative Weight, Last Bag Weight, with customized data display page.

\*Depending upon the material characteristics.

<b>Sr. No.</b>	<b>Parameter</b>	<b>Details</b>
1.	Load Cell Excitation Voltage	5VDC
2.	Load Cell Capacity	8 x 350 Ohm
3.	A/D Conversion	24 Bit Sigma-Delta
4.	Sampling Frequency	1600 samples/sec
5.	Filter	YES
6.	Display Resolution	1 gm
7.	Digital I/O	8 x 8 Isolated PNP, NPN, fully customised
8.	Power Supply	24 VDC/230 VAC
9.	Communication Ports	Inbuilt RS232, RS422,RS485, Ethernet, CanBus, USB, with universal in built Protocols.
10.	Display	5.7 inch Coloured, fully touch screen
11.	Software	Display, I/O's, Interlock, Buttons, etc are all fully customized
12.	Memory Backup	10 years without Power Supply
13.	Housing	Single & compact unit.