

Bagging Controller

DS-107A3



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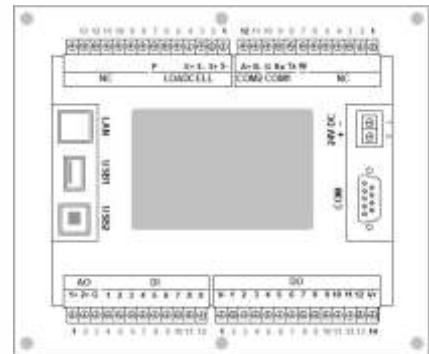


DS-107A3 is the heart of the bagging machine. This new powerful compact controller is action packed to perform the controls of a bagging machine. It can be configured to do the net weight bagging or the gross weigher. The high-speed analog to digital controller with high noise suppression allows bagging at very high speed. This controller has a communication port to connect to the network to transfer data real time and also has the memory to store data such as bag counter and the material totalizer.

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Main Features:

- EMC design with high anti-jamming capability, suitable for industrial environment.
- Cortex-A8 CPU with 600MHz Clock, 128M RAM and 128M Flash
- 7" Ultra light and ultra thin TFT touchscreen with control module.
- Manual Screen-locking/Screen-unlocking, Auto Screen-locking, Digital Setting & Calibration and I/O Testing functions available.
- Initial Zero Adjustment after Power-on, Auto Zero Tracking, Zero Fine Adjustment and Zero Calibration functions available.
- Load Calibration and Loss Calibration functions available.



TECHNICAL SPECIFICATION	
Display	16-bit Color screen with 800×480[7"] and LED backlight Graphic display interface and touch operation Display Resolution: 1/100,000 Weight Unit: Optional g, kg, t, User Set
Loadcell Interface	Connection Quantity: 8 Loadcells (350Ω) Excitation Voltage/Max. Current: DC5V, 120mA Signal Input Range: 0~12.5mV Output Sensitivity of Loadcell: 1.0~2.5mV/V Internal resolution 24-bit >16,000,000 Sampling rate 1500 samples/ sec. (max) Zero Drift: ±0.1μV/°C Gain Drift: ±5ppm/°C Non-linearity: 0.005%FS
Digital Communication Interface	COM1[RS232] & COM2[RS485] for connecting Host IPC/PLC and LED Remote Display
Operating Specification	Operating Voltage: DC24V±20% Max. Power Consumption: 10W
Protection Level	Front Panel: Ip65
Operating Temperature	-20°C to +45°C
Dimension	Outline Size: 226.5×163×36mm [W×H×D] Window Size: 153.6×86.64mm [W×H] Panel Cut-out Size: 215×152mm [W×H] Weight: Approx. 0.72kg

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