



# DIYANI ENGINEERING

Customized Innovation

*Complete Solutions for Weighing, Filling, Packaging & Process Automation.*



## DY Pac+ Weighing & Bagging Control Panel



Application	Weighing & Bagging, Drum Filling, Batch Weighing
ADC	24 bit
Display	7 inch / 10 inch TFT touch screen, 1024 x 600 pixels
I / O	DI – 12, DO – 16 , AO – 02 optical Isolated, Self-assigning
Display Resolution	1 / 10/ 100- gram, decimal point selectable 00.00, 00.000. 00.0
Unit	Kg
Digital Filter	Individual filters for coarse, fine feed to get linear readings
Com Port	RS 484 Modbus, USB, RS 232
Protection	3-layer conformal coating,
Weight	1.2 Kg
Enclosure	ABS body, Anti corrosive,



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## FEATURES -

- ✓ Suitable for All Weighing & Bagging machine
- ✓ Single controller to handle single / two bagging machine  
Selection of,
  - 1 weigh pan & 1 Bag holder for simplex Net Bagging
  - 1 Bag holder for simplex gross bagging
  - 2 weigh pan & 2 Bag holder for two individual machine
  - 2 weigh pan & 1 bag holder for duplex machine
  - Multi dump for jumbo packing

- ✓ Auto / Manual option from local / remote
- ✓ 3 level login setup with settable pass code.
- ✓ Auto tare, zero track, stable track function
- ✓ **All I/O can be re-assign with any function**

Assigning Options – DI – 50, DO-50, AO -4

- ✓ Key I/O Control & status on operator screen  
Control – Start, Stop, Tare, Coarse, Fine, slow, Discharge, Bag fit , Print, Alarm Accept,  
Status – Run, Stop, Coarse, Fine, Slow, Alarm, Zero, Stabilized, Actual Wt, Final Wt, Recipe  
parameter, Date & time
- ✓ Individual Digital filter up to 10 hz to avoid vibration impact
- ✓ 3 level feeding mode



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### **FEATURES –**

#### **Automatic / Manual Re-feeding in case of abnormal impact / Low weight Alarm, (Settable Weight / Timer for re-feeding)**

1. If feeding process will stops because of some impact on weigh-pan, slow feeding will re-start automatically till value of set point,
  2. After stabilize time found actual value is out of lower deviation limit, slow feeding will re-start automatically/manually till settable timer
- ✓ Automatic In-flight value correction, with set points of, On/Off, next correction bag No, % of correction
  - ✓ Settable Limit for auto-correction of in-flight value
  - ✓ Machine Pause on/off settable in case of weight alarm (only manager password level)
  - ✓ Built in Bag counter, Totalizer with auto / manual print facility
  - ✓ Feeding Silo, Weigh pan, Bag presence Interlocks with relevant process
  - ✓ Multiple recipe setting
  - ✓ Built in control of stitching machine
  - ✓ Batch wise operation with Bag No, Dump Nos,
  - ✓ Alarm Message for Max time over of filling, discharging, and auto tare.
  - ✓ All Controls & Display can be connecting to PLC via mod-bus communication.