

ID550

Weighing Controller



Applications:

- * Weighing system
- * Batching solutions
- * Filling solutions

ID550 is an industry weighing process controller, high accuracy, typical for weighing, batching, filling system.

Features:

- * 6-bit 0.56" red LED display and 5 status lights.
- * 100,000 display division, 6000e approved
- * 200Hz A/D sample speed, 200Hz target compare speed
- * 5-step filter, high anti-vibration
- * Standard with one serial ports(RS232/485)
- * No-Testing Calibration (CalFree) is available

Options:

- * 4 Inputs /6 Outputs (OC)
- * 4 Inputs /6 Outputs (Relay)
- * 4-20mA Analog Output(16-bit DAC)

Specifications and Parameters	
Accuracy	
Accuracy Class	III
Approval	100,000 Display Division, CMC 6000e
Display & Keypad	
Display	6 bits 7-segment red LED display, 0.56" high(14.2mm)
Update Speed	250ms
Status Display	Gross, Net, Motion, Center of Zero, Kg/Lb
Key	4 function keys (Tare, Clear, Zero, Print)
ADC	
Type	24-bit
Speed	200 Hz
Resolution	0.06uV/d
Resolution Approved	1uV/vsi (legal for trade)
Input	0.1mV to 19Mv
Accuracy	100,000d
Linearity and Stability	
In-linearity & TC	≤0.0015% FS; ≤5ppm/°C
Exciting Voltage	5V DC, max 150mA
Load Cell Number	Max 6 x 350Ω
Connect Type	4-wired or 6-wired, Cable:274mR/m2
Scale Basic Functionality	
Calibration	2-point with testing weight or no testing(CalFree)
Filter	5-step
Scale Process	Tare, Zero, Auto Zero, Motion
Inputs	Option 4 Inputs, Can be assigned remote inputs for remote host(PLC or DCS)
Outputs	Option 6 Outputs, Can be assigned remote outputs for remote host(PLC or DCS)
Target Control	
OVER/UNDER/OK	Support
Zero Tolerance	Support
Target Control	Simple Setpoint or Sequence Control (with Start & Abort command)
Bagging PAC	3-Speed Control, bag clamping control and empty control
Filling PAC	No-Gun-Control Filling / Gun-Control Filling
Communication I/F	
Serial Port	1 ports: RS232/485
Continuous Output	10ms ~ 20ms, (100~50 Hz)
MODBUS-RTU	Support, Integer & Floating data format
Analog Output	4-20mA, 16-bit DAC
Housing	
Panel Mount	IP65, 0.56" display
Power Supply	24VDC
Working Condition	
Temperature	-10°C~40°C, 95% RH
Power Supply	24VDC, 6W

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ID550 Industrial Weighing Process Controller

High Accuracy, High Anti-vibration, Extensive Applications