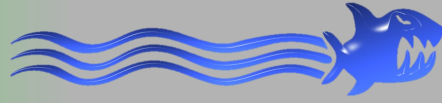
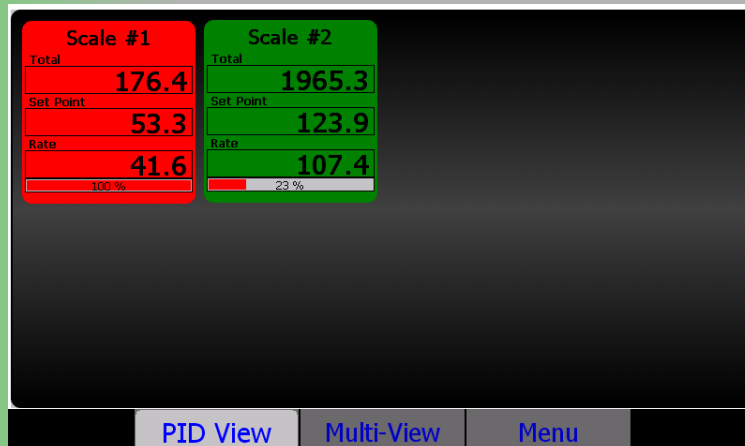
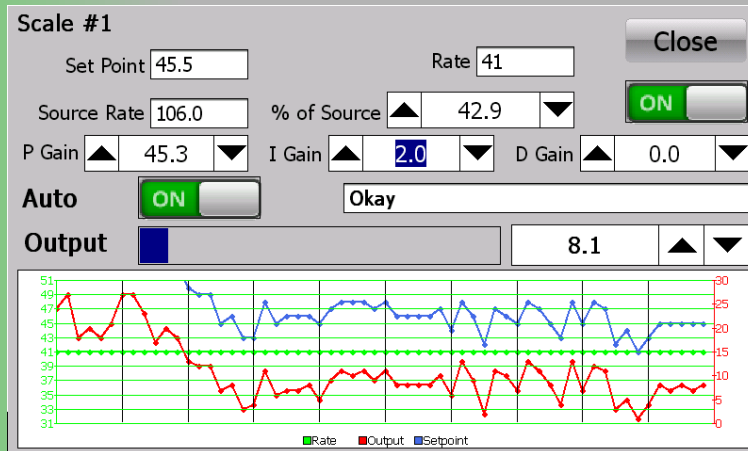


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Home of the *Weigh Shark*, not just another scale company!



Blending System for Weigh Shark Scales & Flow Meters



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Network Blending Controller

- Control up to 8 PID Loops.
- Uses Weigh Shark Belt scale current loop and digital outputs remotely.
- Master-Slave blending capable.
- Any mix of belt scales or solid impact flow meters can be used.

The Network Blending Controller (BC) can control up to 8 PID loops for belt scales or solid impact flow meters. Each PID loop can have a local or remote set point. The remote set point can be any belt scale, SI flow meter or Modbus device on the network. The PID loop set point can be set as a percentage of the remote device.

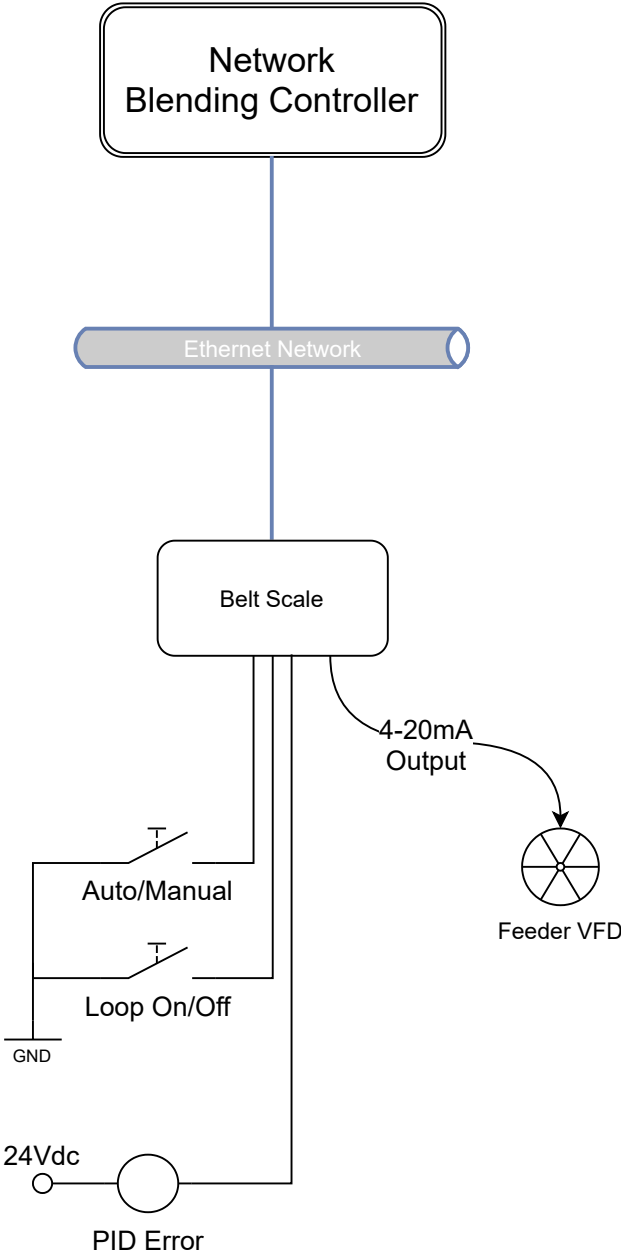
The blending controller uses the scales I/O, particularly the 4-20ma current loop output, remotely over the network to connect to the process feeder controller, usually a VFD drive, so no extra I/O devices are required.

Simple Blending Configuration

Auto/Manual switch can switch between auto PID loop control and running at a preset speed

Loop On/Off switch can turn the PID loop on/off. When loop is OFF the output to the feeder is 0.

PID Error output will indicate when there is an error in the control loop.



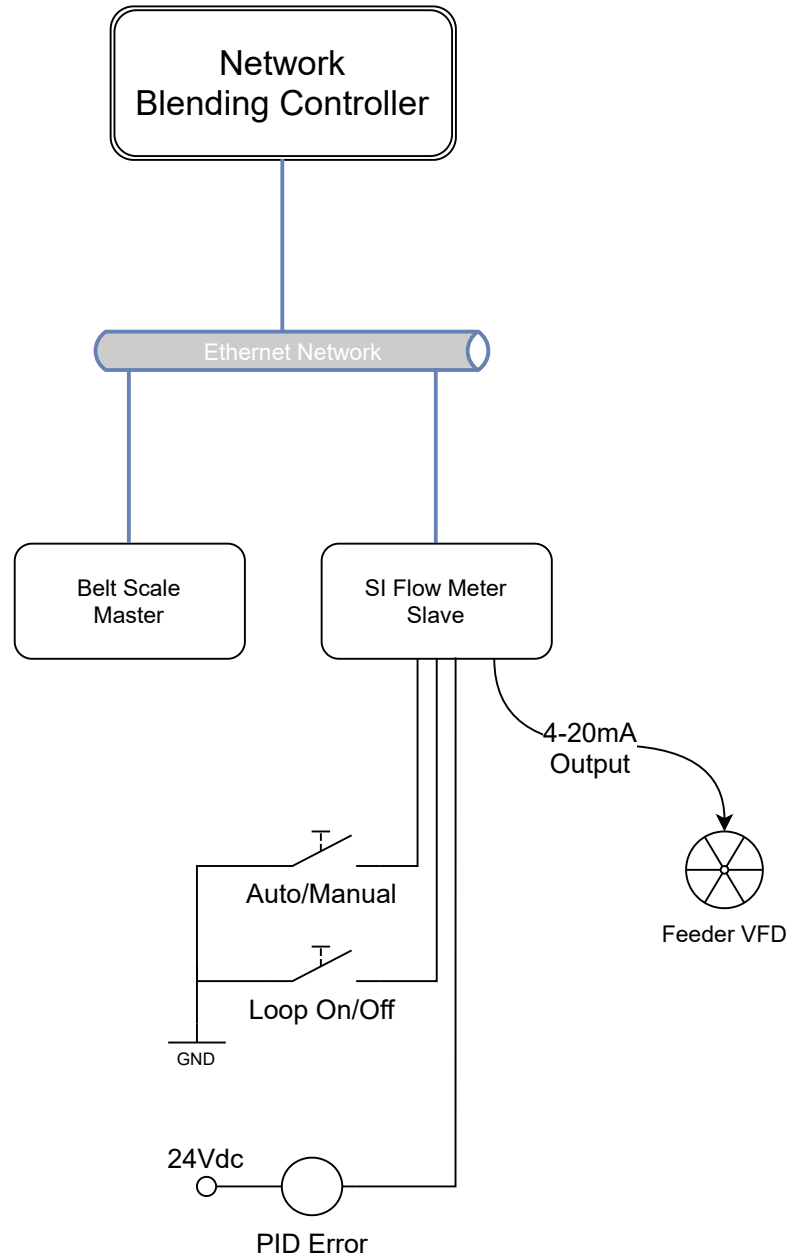
Master/Slave Configuration

The Master scale is set as the Set Point source for the Slave scale. The Slave can be set to run at a percentage of the Master scale.

Auto/Manual switch can switch between auto PID loop control and running at a preset speed

Loop On/Off switch can turn the PID loop on/off. When loop is OFF the output to the feeder is 0.

PID Error output will indicate when there is an error in the control loop.



Master / Multiple Slaves Configuration

The Master scale is set as the Set Point source for the Slave scales. The Slaves can be set to run at a percentage of the Master scale.

Auto/Manual switch can switch between auto PID loop control and running at a preset speed

Loop On/Off switch can turn the PID loop on/off. When loop is OFF the output to the feeder is 0.

PID Error output will indicate when there is an error in the control loop.

