



04/21/2011		02:15PM		SCALE #1	
		89 ^{Gross} Lb		SCALE #1	
Target	Dribble	Preact	Near Zero		
200.0 Lb	75	0.0	10.0		
Fast Filling					
Consec. #	Subtotal	Total			
23	1687 Lb	3468 Lb			
Pre Sets			Totals	Setup Menu	

Fill Screen

920i® FlexWeigh102 NET-WEIGHT FILLER CONTROLS

Filling a Container

Print, Tare, Weight (2 Speed Feed), Print, Hold, Discharge, Hold

Use the following steps to fill a container from a scale.

1. Press the Start button on the unit. The system verifies if:
 - Gross weight is within the zero tolerance
 - E-Stop is pulled out
 - A valid target weight is entered
2. System increments the consecutive number by one on the main display.
3. System tares the scale if Auto Tare is enabled (shown in the setup menu).
4. The system begins filling at either of three speeds and displays a basic filling screen although this screen will change depending on what kind of filling is being done.

Fill Screen Example

- Single Speed Filling - The system turns on fast fill until the target weight/preact weight is satisfied.
 - Parallel Speed Filling - Turns on the fast fill and slow fill until the dribble weight is satisfied. The system then turns off the fast fill and leaves the slow fill on until the target weight/preact weight is satisfied.
 - Dual Speed Filling - Turns on the fast fill until the dribble weight is satisfied. The system turns on the slow fill until the target weight/preact weight is satisfied.
5. System does the following when the target is reached:
 - Captures a stable net weight
 - Updates the subtotal weight and number of fills
 - Updates the total and number of fills
 - Turns on the Fill Complete Output
 6. Press the Discharge button on the unit to empty scale into an awaiting empty container. The system:
 - Turns off Fill Complete Output
 - Turns on Discharge Output until scale discharges to empty within Zero Tolerance.
 7. The system is ready to begin a new cycle from Step 1

Application:

The 920i Flexweigh 102 is designed for applications where a scale is automatically filled to a preset target weight and discharged automatically to empty. Press Start and the system automatically tares the scale, fills to a preset value, and stops, at which point the operator can press Discharge to empty the contents. The 920i Flexweigh 102 will transmit and store the accumulated weight totals throughout the entire process.

Standard Features:

- Stainless Steel NEMA 4X enclosure
- Pre-programmed and configured 920i HMI Indicator/Controller
- Heavy-duty push buttons and switches: E-stop, Start, Discharge, Reset/Resume
- Built-in safety interlocks prevent cycle start if container is missing or if filled container has not been removed.
- (3) 2amp, 120 VAC feed output (fast and slow feed) and discharge
- Emergency stop which can be resumed at any point
- Auto Tare on START
- Auto Print and Weight Total

Options:

- Switches for manual override controls: Man / Off / Auto mode selector, Man Feed Fast / Slow (or On/Jog) Man Control Driver, Man Discharge On/Jog
- Large-diameter pilot lights: Ready, Fast Feed (or Feeding), Slow Feed, Fill Complete Discharge
- 120 VAC outputs for: Zero Tolerance (whenever the gross weight is within +/- Zero Tolerance band) Fill Complete (after fill complete until weight returns to zero tolerance)
- Customized software and hardware configurations

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