



04/19/2011		1:12PM		Scale #1	
Net		-110		Scale #1	
Target	Dribble			Preact	Near Zero
200.0 Lb	75		0.0	10.0	
Slow Dispense					
Consec. #		Subtotal		Total	
23		1687 Lb		3468 Lb	
Pre Sets		ID #1		ID #2	
Totals		Setup Menu			

Dispense Screen

920i® FlexWeigh104

LOSS-IN-WEIGHT DISPENSING CONTROLS

Dispensing Materials

Print, Tare, Weigh (2 Speed Dispense), Print, Hold

Use the following steps to dispense material from a scale.

1. Press the Start button on the unit. The system verifies the E-Stop button is pulled out and a valid target weight has been entered. The system then:
 - Increments the consecutive number by one
 - Tares the scale to zero (net mode)
2. The system begins dispensing either of three speeds while a 920i displays real time sequence progress.

Those three dispensing speeds include:

- Single speed dispensing - The system turns on fast fill until the target weight/preact weight is satisfied.
 - Parallel speed dispensing - 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 dispensing - 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.
3. If during the dispensing cycle the system determines that the material supply on the scale has run empty, the system will pause the automatic process and prompt for a resupply of material. The current dispensing process can resume from where it left off by pressing Start.
 4. The system does the following when the target/preact is reached.
 - Turns off the output based on the dispensing mode.
 - Updates the subtotal weight and number of dispenses
 - Updates the total and number of dispenses
 - Turns on the Dispense Complete output.
 5. The system delays for the Delay After Dispense time before it exits the sequence and ready for the next dispense.

Application:

The 920i FlexWeigh 104 is designed for applications where a preset target weight is repeatedly dispensed from removable vessels or containers that may become empty during the sequence of a dispense. When an empty supply is detected, the system will prompt for more supply. When pressing Start, the system automatically tares the scale, starts the loss-in-weight dispense from zero, and stops as programmed; all while transmitting and storing the accumulated weight totals.

Standard Features:

- Stainless Steel NEMA 4X enclosure
- Pre-programmed and configured 920i HMI Indicator/Controller
- Heavy-duty push buttons and switches E-stop, Start, Reset/Resume
- Built-in safety interlocks prevent start without adequate weight to complete cycle
- (2) 2amp, 120 VAC feed output (fast and slow feed)
- Emergency stop which can be resumed at any point
- Auto Tare on START
- Auto Print and Weight Total

Options:

- Switches for manual-override control
- Large-diameter pilot lights
- 120 VAC outputs for: Dispense Complete and Slow Cycle
- Customized software and hardware configurations

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