

# 920i FlexWeigh Systems

PROCESS CONTROL



**Manufacturer-Approved**  
DIRECT REPLACEMENT FOR FLEXWEIGH'S DWM-IV

**RICE LAKE**<sup>®</sup>  
WEIGHING SYSTEMS

800-472-6703  
[www.ricelake.com](http://www.ricelake.com)

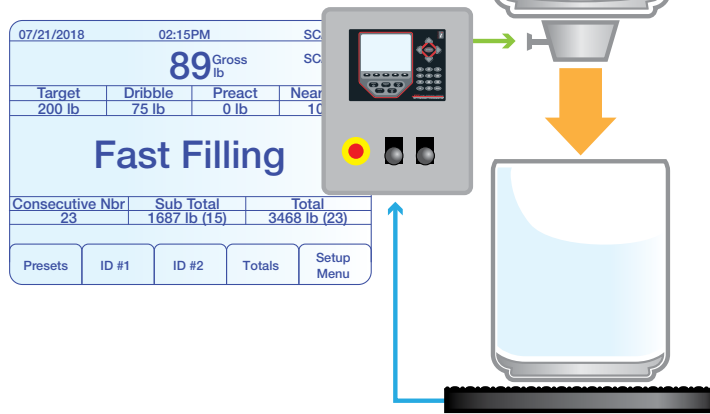
# Filling and Batching Automation Solutions

920i® FlexWeigh Systems are straightforward weighing and process control solutions for industrial applications, pre-designed for out-of-the-box filling and batching. 920i FlexWeigh Systems are programmed at the factory to accommodate sets of commonly performed tasks, such as single-ingredient filling, loss-in-weight filling, bulkweigh filling and multi-ingredient batching.

The 920i FlexWeigh Systems are ideal for either new processes or converted manual systems, advancing material handling efficiency and reducing human errors. A stainless steel NEMA Type 4X panel enclosure keeps dust and water from inner circuitry even in harsh exterior environments. Panels include manual control buttons that can be customized to enhance an operator's ability to override automation or adjust discharging materials, ensuring precision batching and filling with ease of automation.

## Single-Ingredient Fillers

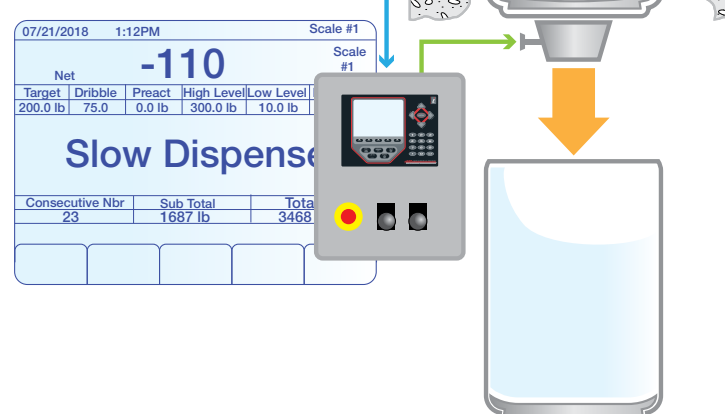
*For repetitively filling one ingredient to a specified weight value.*



- **101 Basic Container Filler**  
Tares any freestanding container, starts filling on command and stops at desired value.
- **102 Hopper Fill and Discharge**  
Tares and fills a single-ingredient hopper to a desired value, then discharges on command.

## Loss-in-Weight Fillers

*For dispensing specified amounts of a single ingredient from a weight-monitored supply.*

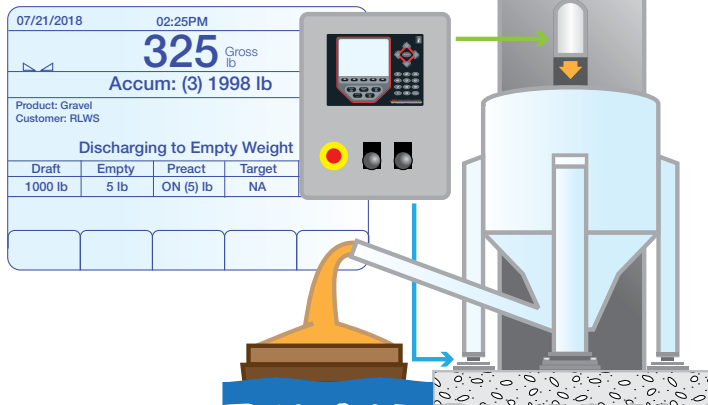


- **103 Continuous Supply**  
Dispenses product from a refillable hopper until supply is reduced to a low weight, then commands automatic refill of hopper.
- **104 Replaceable Supply**  
Dispenses product from a non-refillable container. As container empties, system can be paused to change supply container and resumed to complete the cycle.



## Bulkweighing Fillers

For using limited-capacity hoppers to fill barges or vessels with product, or measure large quantities of received product.



- **107 Bulk Shipping**

Repeatedly fills and discharges a measured hopper until a specified target weight has been reached.

- **108 Bulk Receiving**

Repeatedly fills and dispenses a measured hopper until all product is received, then calculates a total.

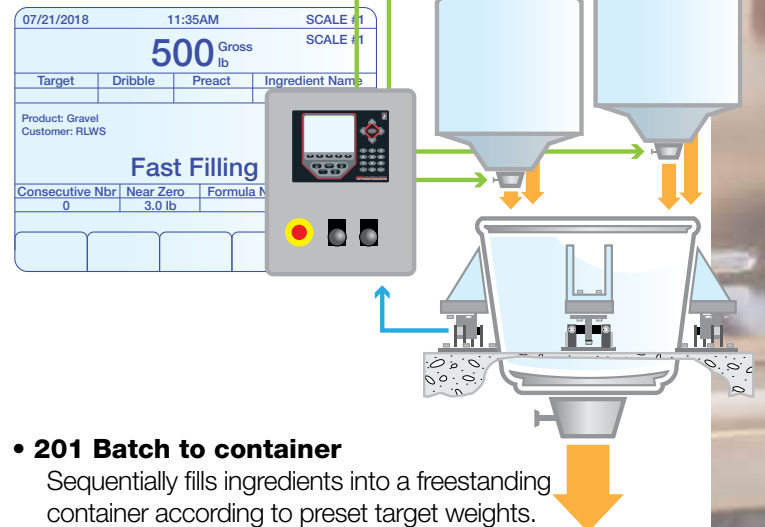
- **109 Bulk Shipping or Receiving**

Toggle between bulk-shipping and bulk-receiving modes.



## Multi-Ingredient Batchers

For batching up to four ingredients at dual speed, or up to eight ingredients at single speed.



- **201 Batch to container**

Sequentially fills ingredients into a freestanding container according to preset target weights.

- **202 Batch to Hopper and Discharge**

Sequentially fills ingredients into a hopper according to preset target weights, then discharges on command.

# 920i FlexWeigh Systems

## PROCESS CONTROL

### Standard Features

- 920i HMI Indicator/Controller
- Large 4.6 in W x 3.4 in H, backlit LCD graphical display
- 5 displayed softkeys
- Operator prompts
- Stainless steel, NEMA Type 4X enclosure 16 in x 14 in x 6.75 in
- Standard heavy-duty switches (Start, E-Stop, Reset/Resume)
- 24-channel digital I/O board
- SSR 2-channel output relay, 120-140 VAC, 2A
- 2-year warranty

*Systems on front shown with optional switches and lights.*

### Options

- Custom controls for manual override and status lights
- DC/DC power converter
- Sunlight viewable transfective display



*Customizable with a range of available lights and switches, 920i FlexWeigh Systems can be designed for very specific needs.*

## Complete your 920i FlexWeigh Systems with the best industrial weighing equipment available.



### Bench Scales

For mobility and convenience, bench scales offer ideal features that are adaptable to a wide range of applications. Rice Lake's diverse bench scale selection offers a product for almost any conceivable capacity or requirement.



### Floor Scales

Rice Lake floor scales carry the durable reputation and strength of the RoughDeck® name. Whether it is steers, steel, pallets, people, or semitrucks, Rice Lake has a floor scale or platform scale to fit your needs.



### Load Cells

Rice Lake is the largest supplier of load cells and related accessories in North America. Our load cells are standard equipment on many OEM concrete plant applications. Rice Lake components are the perfect solution to retrofitting your existing plant.



### Printers

Supplement your setup with a selection of quality printing and scanning devices. Rice Lake is your best source for peripheral printing equipment, offering the supplies you need and service support for all of the models we sell.



### Remote and Messaging Displays

Featuring a super-bright LED display and a non-glare filtered lens, the SURVIVOR LaserLight® 2 Remote Display and M-Series Messaging Remote Display is clearly visible—even in direct sunlight. The unique IntelliBright™ feature uses a photo sensor that reads ambient light and automatically adjusts the display's intensity between day and night settings, optimizing power usage. The 4- and 6- inch LaserLight2 and eight and 12-character M-Series models are available with visors.



### Weigh Modules/Mounts

Selecting a high-quality weigh module involves factors such as working environment and loading conditions. Based on these and other design specifications, Rice Lake Weighing Systems' experienced engineering and design staff has created the most comprehensive line of weigh modules available. We offer over 20 different mount styles, including the industry's only waterproof-guaranteed weigh modules. Complete mounting kits are available with our weigh modules, simplifying the selection and installation processes.



### Wireless Accessories

Our wireless transceivers easily communicate data between various electronics in your scale system.

Your Rice Lake Weighing Systems distributor is:

**RICE LAKE**  
WEIGHING SYSTEMS

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