

Synergy Series



Simplify Batching with the 680 and 682 Synergy Series

The 680 and 682 Synergy Series digital weight indicators do more than display weight. With batching presets and easy-to-use controls, a variety of commands are available to optimize processes with weight-based automation.

Setpoints and Batching

Models include 20 setpoints and eight predefined batch preset modes.

RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703

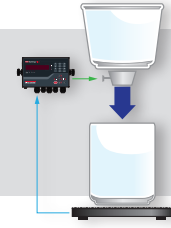
www.ricelake.com

Batch Presets

SINGLE FILL SINGLE SPEED

Batching of one ingredient, such as gravel or grain, at a consistent pace.

- Target to fill: fills containers to a specified amount
- Zero interlock: ensures a container is in place before starting fill cycle
- Lower threshold: ensures container is removed before next batch starts

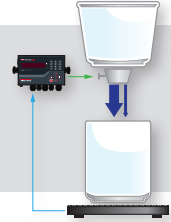


ALIAS
KIND, TRIP, VALUE
START, END
PREACT, VALUE, ADJUST
ACTIONS
DIGITAL OUTPUT
BATCH, ACCESS

SINGLE INGREDIENT DUAL SPEED

Batching of one ingredient, such as with cosmetics or single spices, where pacing varies for precision.

- Fast fill target: shifts to slow fill once target is reached
- Final target: marks as full once target is reached

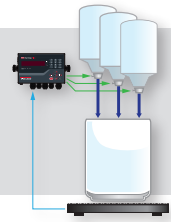


ALIAS
KIND, TRIP, VALUE
START, END
PREACT, VALUE, ADJUST
ACTIONS
DIGITAL OUTPUT
BATCH, ACCESS

THREE-INGREDIENT

Batching in a recipe with up to three ingredients, such as fertilizer.

- Zero interlock: ensures a container is in place before starting fill cycle
- Three targets: monitors targets for each ingredient
- Sequential fill: deposits ingredients in a set order

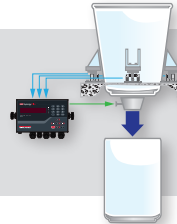


ALIAS
KIND, TRIP, VALUE
START, END
PREACT, VALUE, ADJUST
ACTIONS
DIGITAL OUTPUT
BATCH, ACCESS

LOSS-IN-WEIGHT

Batching of an ingredient out of a hopper or tank, such as concrete mixing.

- Taring: tares before filling to target
- Starting weight: begins with weight in the hopper, tank or scale

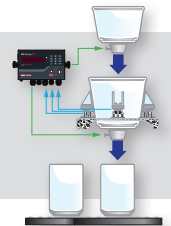


ALIAS
KIND, TRIP, VALUE
START, END
PREACT, VALUE, ADJUST
ACTIONS
DIGITAL OUTPUT
BATCH, ACCESS

SINGLE-SPEED DOSING

Batching recipes that don't require high precision, such as individual ingredient processing with salt or sugar. Single-speed dosing is available with a pause before discharge mode.

- Single speed: fills then immediately discharges
- Pause before discharge: fills to target, stays until operator manually approves

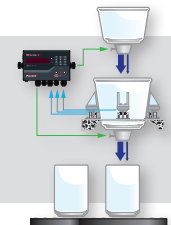


ALIAS
KIND, TRIP, VALUE
START, END
PREACT, VALUE, ADJUST
ACTIONS
DIGITAL OUTPUT
BATCH, ACCESS

DUAL-SPEED DOSING

Batching recipes that need efficiency and high accuracy, such as agricultural pesticides or pet food. Dual-speed dosing is available with a pause before discharge mode.

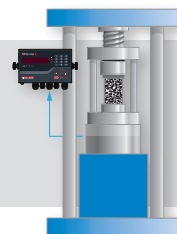
- Fast fill target: shifts to slow fill once target is reached
- Final target: marks as full once target is reached
- Pause before discharge: fills to target, stays until operator manually approves



ALIAS
KIND, TRIP, VALUE
START, END
PREACT, VALUE, ADJUST
ACTIONS
DIGITAL OUTPUT
BATCH, ACCESS

DROP DETECT

Displays tension or compression strength by testing with a hydraulic ram for materials such as concrete or rubber.



ALIAS
KIND, TRIP
START, END
PREACT, VALUE, ADJUST, STABLE, COUNT
ACTIONS
DIGITAL OUTPUT
BATCH, ACCESS

