

Synergy Series



Checkweighing Using the 682 Synergy Series

The 682 Synergy Series can simplify operations with its checkweighing features. Operations can rely on the 682 to carefully monitor weight and ensure products fall within an acceptable range.

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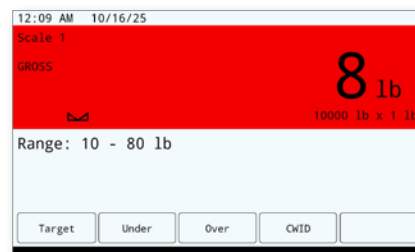
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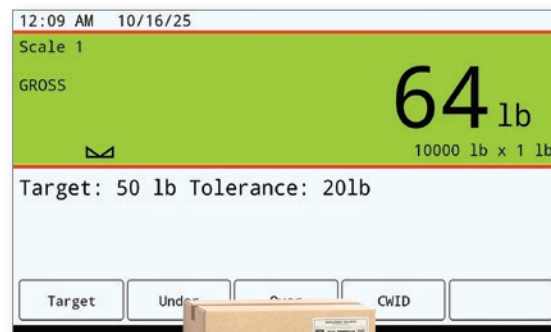
Static Checkweighing

The 682 has a few features designed to make static checkweighing more efficient.

- Target mode: set weight goal and tolerance for variation.
- Target %: set weight goal and percentage variation for over- or underweight products.
- Range: set an acceptable variation for over- or underweight products.
- Print string and streaming tokens.
- Softkeys to quickly edit values.
- Color-changing screen to visually show if products are the proper weight.



Under-target screen



682 Synergy indicator showing an on-target screen and paired with the RT-M manual roller top checkweigher

Dynamic Checkweighing*

The 682 also has features tailored to the complex needs of dynamic weighing applications.

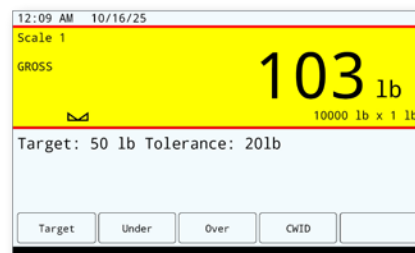
- Weight threshold mode: capture the first stable weight after the threshold has been exceeded.
- Input trigger: add a delay before sampling, define a digital input for monitoring and see the sample time to average A/D readings.
- Auto-print: collect tickets for product weights.
- Color-changing display with last captured weight and result (over, under or acceptable).

**Dynamic checkweighing is not Legal for Trade*

Checkweighing Customization

The 682 has helpful customization features that assist with both dynamic and static checkweighing applications.

- 10 ID registers: saved product codes, descriptions and weights for 10 settings. Accessible through the user menu.
- Over, under and accept setpoints: customize free-running setpoints for continuously evaluating conditions and batching setpoints to be satisfied after a condition is met and weight is at a standstill.
- Checkweighing features work with Serial/Demand scale features.



Over-target screen