



# ZM223

Avery Weigh-Tronix

# Batch Weighing & Recipe Application

## Overview

The ZM223 Indicator provides a very simple but effective solution for simple batching and recipe applications. This is ideal when repeatable batch quantities are required.

Fast, accurate and easy to use, with its large easy-to-read 1.5" (38 mm) high digit HTN LCD display that provides the operator with all the visuals needed to know where you are on the fill process.

## Key benefits



The ZM223 hosts a simple and effective solution for batching applications. Recipes with **multiple speeds and ingredients** can be configured to efficiently weigh and batch.



**Accuracy is key** when batching ingredients. Auto preact is available in the ZM223 to react to fluctuations in fill weights to keep the amounts as close as possible to the target weights.



A **0 to 100% bar graph** provides the operator a simple visual to let them know how far the filling process has got at any point in time.



Simple automation steps provide a fast, repeatable process that can remove human error while delivering **repeatable simple recipe formulation** each and every time .

# Application Features

<b>Fast and Very Flexible</b>	The ZM223 comes standard with six onboard logic setpoints that can be easily programmed to be either inputs or outputs depending on how the batching process needs to be controlled.	<b>Operator Control</b>	Designed to be simple to use by the operator. A dedicated key can be set up to represent start and stop. The backlight can be set to <b>GREEN</b> to indicate when a process is running and <b>RED</b> if the process is in the stopped state.
<b>Keep Target Weight Accurate with Inflight Compensation</b>	<p>Inflight compensation (Preact) can also be enabled to help remove any unwanted overfills. This overfill occurs after the hopper gate has been closed. This extra freefall material gets deposited into the container once that hopper fill gate has been closed.</p> <p>By using the inflight compensation (Preact), this quickly works out what that overfill was and automatically compensates on the next fill by turning off the hopper gate sooner.</p> <p>Inflight compensation automatically keeps adjusting the fill weights to keep the weight as close to the target weight as possible. When hopper tank quantities fluctuate from a full state to close to an empty state, relying on Preact makes it easier to monitor it. Auto Preact constantly reacts to these changes in flow pressure to continue to automatically compensate the weights to deliver repeatable, accurate target weights each and every time.</p>	<b>Web Browser Capability</b>	With the aid of one of the Ethernet connections on the ZM223, a web browser page can be set up to view or control this indicator's function from any PC connected to the same network. This web page also provides information that the ZM223 cannot display like operator prompts and existing transactional data that may be useful to have shown. If linked to an internal Wi-Fi network, this web browser feature can allow multiple users access to the same scale data.
<b>Custom Print Labeling</b>	The ZM223 also has the flexibility to customize print labels or print tickets to meet complete label requirements. When used with the Avery Weigh-Tronix Remote Assist™ Mobile App, the operator can quickly enter print data directly from the phone. This is ideal for adding dedicated label information for the parts being counted.		

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