



# ZM223

Avery Weigh-Tronix

# Static Checkweighing Application

## Overview

The ZM223 Indicator is one of many Avery Weigh-Tronix products offering static checkweighing features. It is designed to make any repetitive weighing process fast, accurate, and simple to use. Identifiable color visuals help operators quickly identify when the packed weight is within the required window.

It is compatible with most process lines and features flexible configurations that allow it to function seamlessly across various manufacturing setups, adapting to the specific needs of each operation.

## Key benefits



**Speed and Accuracy** are two main components when it comes to efficient checkweighing operations. The ZM223 can deliver **accurate and stable readings** within 0.5 seconds, making it faster than any human hand.



The ZM223 is **user-friendly** when it comes to setting up and operating. The high-low weight limits are at one's fingertips, allowing one to quickly identify if the produce being packed is within the acceptable weight tolerance.



With its **visually appealing display**, the ZM223 helps operators quickly identify whether or not to accept or reject a product during a checkweighing process.

# Application Features

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| <b>Segmented Under and Over Visual Aids</b> | The ZM223 has six under and six over segments to help identify your distance from the accepted window weight. It is ideal when speed and accuracy are essential for the smooth running of any process line. These dedicated under and over segments can easily be adjusted to represent the packed product, making it much easier for the operator to identify what quantity needs to be added or removed to bring the weight back within the accepted tolerance window. |
| <b>Large, Easy-to-Read Display</b>          | The ZM223 was designed with a large 1.5" (38 mm) high digit, easy-to-read display that can be seen from a distance. Color-changing backlights help operators quickly identify when the packed product is within the accepted weight window.  |
| <b>Speed and Accuracy</b>                   | Designed to work faster than an operator can work, the ZM223 delivers accurate and repeatable weight readings that can stabilize within 0.5 a second. This is ideal for fast-moving food process packing lines.  |
| <b>Custom Print Labeling</b>                | The ZM223 has the flexibility needed to allow print labels or print tickets to be easily customized to meet labeling requirements. Using it with the Avery Weigh-Tronix Remote Assist™ Mobile App will enable users to easily edit any data directly from the phone screen before printing the label.  |
| <b>500 PLU Database</b>                     | Easily store up to 500 different checkweigher parameters within the indicator so line changeovers can happen quickly.  |

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| <b>Data Capture and Transfer</b> | In today's fast-moving process-weighing world, tracking weight data in the background is key for identifying small changes within a process and allowing fine-tuning. With this feature, you can automatically record each weight transaction inside the indicator or PC.   |
| <b>NSF &amp; IP69K Approved</b>  | It has a fully stainless steel design with no food trap areas. Its IP69k ingress protection makes it suitable for high-pressure washdown cleaning processes.  |
| <b>Remote Line Setup</b>         | <p>Due to its flexible nature, the ZM223 can be used to speed up line changeovers in several ways:</p> <p><b>Quick Check Method:</b> This can be achieved using a predefined sample weight. This sample weight is placed on each scale, and the quick check key is pressed to set the target weight to the sample weight placed on the scale.</p> <p><b>PLU Recall:</b> The PLU database lists predefined target weights and parameters so each indicator can quickly be recalled. This helps speed up most process line changeovers.</p> <p><b>Remote Setup Command:</b> When connected by Ethernet to a PC or wireless network, all selected scales can receive the required SMA commands to quickly reset the target weights and under-over tolerances to the following required product, making line changeover happen in seconds, not minutes.</p> |

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