



# Avery Weigh-Tronix

## ZM223

Track and control  
your daily operations



## Weight Indicator

Weight monitoring, data collection  
and cloud based data storage

## Versatility at your fingertips

Designed to be the go-to indicator for weighing applications, the ZM223 is affordable, strong, reliable, flexible, and user-friendly. It is your ultimate partner in efficiency, featuring a range of specially designed weighing apps that accelerate customer processes like never before.

Experience a faster, smoother service that will meet your needs. The ZM223 comes standard with RS232, USB, Bluetooth, Ethernet, Ethernet IP, Modbus TCP, and a 16GB micro-SD card for endless communication, and storage options. This indicator connects to various weighing platforms, including both digital and analog options, offering flexibility for a wide range of applications.

## Designed to work effectively with-in a wide range of applications

From dusty, low-lit warehouses to simple filling and batching systems, fast-paced manufacturing production lines, and food-safe processing facilities, this user-friendly weight indicator is designed for various applications and working environments and allows seamless tracking and control of manufacturing processes.

Housed in a robust IP69K stainless steel enclosure with a large 1.5" (38 mm) high alphanumeric characters with color-changing backlit display, the ZM223 is designed to integrate effortlessly, providing more control over operations.

With an entire library of purposely designed system applications, the ZM223 provides high accuracy process line efficiencies and data capture weight monitoring, making it ideal for busy manufacturing or processing plants.



## Controlling weight is critical to your business

In today's fast-moving manufacturing world, controlling weighing in any manufacturing process helps to guarantee that each product is correctly manufactured every time.

Controlling weight within your manufacturing process guarantees you have the right materials needed to build products efficiently while also helping to reduce waste.

Scales and weight indicators are likely used within your processes, but are you maximizing their potential?

The ZM223 can perform multiple tasks effortlessly in the background, providing valuable data to enhance weight readings. It can help to spot small changes within a process that could identify failures before they happen, providing you with the information needed to improve quality, become more efficient, and reduce cost.

## Secure cloud connections and data transfer

Fully designed to capture weight data in the background and save it internally or externally to meet customer requirements.

Features HTTPS/MQTT compatible with RESTful APIs, enabling seamless integration with modern software systems. This allows a scalable, future-proof solution that connects effortlessly with cloud services, enterprise applications, and automation tools. With built-in security and easy deployment, the ZM223 enhances efficiency and reliability, making it an ideal choice for customers looking for advanced connectivity.

## View and control your process from any networked PC

The ZM223 web browser page provides the ability to view and control the scale from any PC on the same network, eliminating the need for expensive primary and secondary setups.

The web page also enables you to configure operator prompts and change data held in the indicator's UDF fields. Customer names and addresses, descriptions, part numbers, supplier names, upper and lower weight levels, and setpoint control can all be set and edited through the web browser.

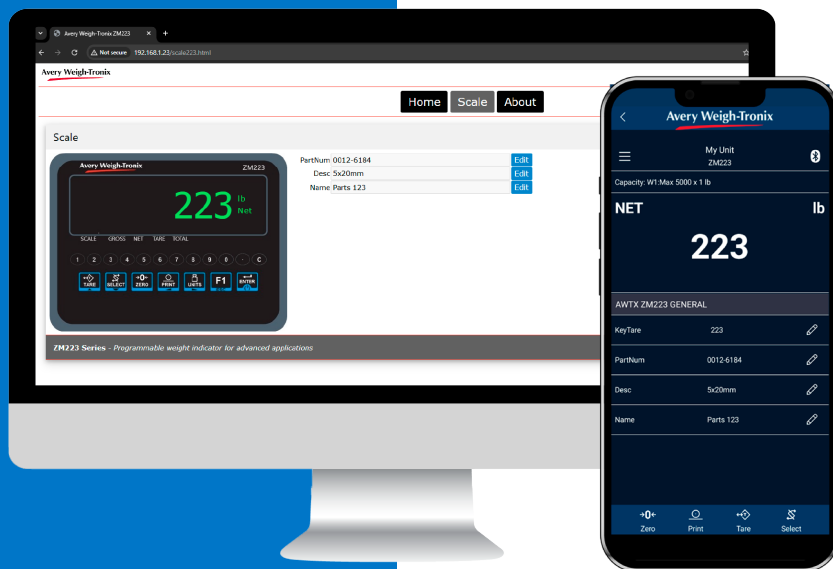
Due to the ZM223's versatility, UDF fields will be customized to the application that is running to help maximize productivity.

## Remote Assist™ - process control at your fingertips

The ZM223 comes standard with a built-in Bluetooth® communication port which integrates seamlessly with the Avery Weigh-Tronix Remote Assist™ Mobile App, enabling remote control of the indicator.

Remote Assist™ allows the operator to enter additional data that standard indicators cannot handle. This is ideal when printing customer names and addresses, invoice numbers, batch numbers, and other valuable data that may be required on the print ticket or label.

This mobile app also allows a supervisor to monitor and process data from a distance and make line changes remotely. It puts data and process control at your fingertips, giving unmatched flexibility over other standard indicator models.





# Applications

|                                    |
|------------------------------------|
| Auto lock                          |
| Bag filling                        |
| Batch weighing & recipe            |
| Check count                        |
| Checkweighing                      |
| Counting                           |
| Fill and discharge systems         |
| General weighing accumulation      |
| General weighing                   |
| Grading                            |
| In-Motion checkweighing            |
| Inventory control                  |
| Peak hold                          |
| Percentage weight gain monitoring  |
| Remote display                     |
| Shipping & receiving               |
| Single and dual feed filling       |
| Spot check quality control station |
| Static checkweighing               |
| Truck scale in out                 |



- More online
- Technical specifications
  - User manuals
  - News and information

## Avery Weigh-Tronix

[www.averyweigh-tronix.com](http://www.averyweigh-tronix.com)

*Avery Weigh-Tronix is an ITW company*

Avery Weigh-Tronix is a trademark of the Illinois Tool Works group of companies whose ultimate parent company is Illinois Tool Works Inc ("Illinois Tool Works"). Copyright © 2025 Illinois Tool Works. All rights reserved. This publication is issued to provide outline information only and may not be regarded as a representation relating to the products or services concerned. This publication was correct at the time of going to print, however Avery Weigh-Tronix reserves the right to alter without notice the specification, design, price or conditions of supply of any product or service at any time.

zm223\_L\_100208\_digital.indd  
V1 AWT35-100208