



ZM223

General Weighing Application

Avery Weigh-Tronix

Overview

The ZM223 Indicator is designed for multitasking. While its primary purpose is to weigh products, it can also capture and record other valuable data in the background without compromising its primary functions.

This reliable and straightforward weighing solution is perfect for connecting to bench scales, floor scales, or hopper systems. It allows you to view, monitor, and control your processes accurately by weight. With its numeric keypad, operators can quickly enter and select stored tare weights.

Key benefits



The ZM223 is a **simple to use** indicator that can perform several weighing applications with complex requirements.



The ZM223 is a **versatile** indicator that is compatible with our highly accurate digital BSQ base and analog bench bases.



Data can be collected or **transferred directly** and custom print formats are available for **easy recall and use**.



A **compatible web browser** can be easily set up to view or control this indicator's function, making this a very **affordable solution** that eliminates the need for a primary and secondary indicator set up.

Application Features

Simple Operation	This fully programmable indicator is designed with simplicity in mind while also providing the flexibility needed to meet application requirements.	Flexible Print Formatting	The ZM223 can be configured to provide a custom label and print tickets to meet exact requirements. The indicator can hold up to 100 different predefined print formats that the operator can quickly call up using the RPN function, depending on how the scale needs to be used.
ZM Bluetooth® Mobile App	Download the free Remote Assist™ app from your mobile app store for a quick and easy way to transfer customers' printable data to and from the ZM223. Additionally, it provides a remote platform to view indicator data from a distance, improving efficiency.	PLC Compatible	The ZM223 comes standard with the ability to connect quickly to a wide range of PLCs. The default PLC settings are three inputs (Remote Zero & Remote Tare, Remote Print) and five outputs (Gross, Net, Tare, Motion, and Status), which can be modified.
Data Capture and Transfer	The ZM223 has several ways to capture and control data held within the indicator. Data can be transmitted directly from the indicator to a PC using the Ethernet, RS232, or USB port. This will automatically transfer information to a PC or securely transmit it to a cloud database server using HTTPS or MQTT.	Web Browser Capability	With the aid of one of the Ethernet connections on the ZM223, a web browser page can be set up to view or control the indicator's function from any PC connected to the same network. This makes this an affordable solution that will eliminate the need for primary and secondary indicator set ups. This web page also provides additional information like operator prompts and existing transactional data that may be useful.
Internal Data Storage	Running data cables from the indicator to the PC is not always feasible. The ZM223 can be configured to store data internally for retrieval at the end of the shift or when the QA inspector checks the scale. This data can be easily retrieved by plugging a USB thumb drive into the indicator's USB connector or by uploading it directly using the Avery Weigh-Tronix Remote Assist™ Mobile App.	Built-in Alibi Memory Counter	It is ideal for legal-for-trade weight applications that need traceability of weight transactions. The ZM223 will hold up to a rolling 100,000 weights recorded that can be recalled based on the Alibi number.
Compatible with BSQ Base	Utilizing one of the RS232 ports, the ZM223 can easily be connected to our highly accurate digital BSQ base to provide an affordable weighing solution.		

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