ZM223

Bag Filling Application

Avery Weigh-Tronix

Overview

The ZM223 Indicator provides a very simple but effective solution for simple bag or container filling applications. This is ideal when repeatable fill weights are required.
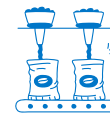
Key benefits

Inflight compensation, also known as Preact, is easily enabled to mitigate any **unwanted overfills** during an operation. This improves efficiency and throughput throughout a process.

The ZM223 **backlight feature** gives operators clear visibility when a bag filling operation is running and when it is in a STOP state using the colors GREEN and RED.

The onboard logic setpoints are easy to configure as either inputs or outputs to **control the filling process** whether it is single or dual speed application. These also give the opportunity for the application to have one or more ingredients.

Application Features

Fast and Very Flexible

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.

This is ideal for setting up single or dual speed filling or bagging applications or when one or more ingredients need to be filled into the same container.

Keep Target Weight Accurate with Inflight Compensation

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.

By using the inflight compensation (Preact) this quickly works out what that overfill was and automatically compensates on next fill by turning off the hopper gate sooner.

Inflight compensation automatically keeps adjusting the fill weights to keep the weigh as close to the target weight as possible. Ideal when hopper tank quantities fluctuate from a full state to close to empty state. Auto Preact constantly reacts to these changes in flow to auto compensate the weights delivering repeatable, accurate target weights each and every time.

Operator Control

Dedicated function keys allow the user to easily start and stop their filling process. The backlight can be set to GREEN to indicate when a process is running and RED if the process is in the stopped state.

Setpoint targets can easily be viewed and adjusted by the operator from the indicator front panel or directly from the Avery Weigh-Tronix Remote Assist™ Mobile App.

Flexible Print Formatting

For label printing, the ZM223 has the ability to provide custom print formats to meet most customers labeling requirements. This is perfect for adding ingredient information, batch numbers, produce names or other useful customer information.

Mobile App Control

The ZM223 comes standard with Bluetooth® and Avery Weigh-Tronix Remote Assist™ Mobile App that can be used for fast access/editing of the printable data. The Remote Assist™ Mobile App provides access to a list of UDF fields that are held within the ZM223. Fields like:

Product
Part number
Invoice number
Date code
Batch number
Customers name
Addresses
Other

More online

- Technical specifications
- User manuals
- News and information