

Avery Weigh-Tronix

Indicators for daily weighing tasks with powerful built-in applications.



ZM

201 SERIES

Basic indicators with powerful functionality

Simple Yet Powerful

Avery Weigh-Tronix

ZM201 Series indicators are ideal for applications that require a basic weighing indicator for performing Zero, Tare and Print functions. Their simple yet powerful design makes them the perfect choice for connecting with bench, platform or floor scale and bin/tank/hopper (vessel) scales.

Adaptable for a variety of industrial environments

The ZM201 series is available in a range of different enclosure types, providing the optimum solution for different applications and environments:



ABS Enclosure

Constructed from an extremely rigid plastic which is renowned for its strength and impact resistance, this type of enclosure is ideal for use in office environments.



Stainless Steel Enclosure

The IP66 rated enclosure offers complete protection against dust ingress, along with resistance to water jets, making it suitable for use outdoors or in dusty/wet indoor environments.



Stainless Steel Panel Mount

This IP66 rated panel mount model also offers resistance to dust and water, in an enclosure designed specifically for easy installation in control room applications.



Powerful data collection and processing

Despite its basic appearance, the ZM201 features powerful capabilities. As well as straightforward weighing functions, the ZM201 comes with a suite of in-built applications, allowing you to control processes, collect data and keep your business running efficiently:

General Weighing

The ZM201 has the capability to accumulate, store and recall transactions, giving users complete visibility of weighing data.

Checkweighing

The indicator range features a multi-segment graph on the display for Under/Accept/Over, providing users with a quick, visual indication of weight acceptability, in a simple to operate checkweighing function.

Counting routines

Use the in-built counting functionality to configure the indicator for quick, accurate parts or piece counting.

Process Control

The ZM201 features three setpoint controls for automated mixing and blending, giving you the flexibility to carry out many basic process control routines.

Peak Hold

This function is designed to capture and display the maximum stable weight reading.



Highly visible display

The ZM201 features a bold and easy to read TN display. This combination of black digits and green backlight results in a highly visible weight display that can be read in a variety of lighting conditions, from bright sunlight to dimly lit environments. The use of this technology, along with the large digit display, offers extended viewing angles and makes it easy to read from a distance, reducing operator error and eye strain.

In applications where weights must be read in two locations at once, the ZM201 can be configured to operate as a remote display, showing the same information as the primary indicator.



Signal Processor

For applications where data is essential for logging and processing, but no visual weight display is required, the signal processor provides an ideal alternative to a standard weight indicator.

The ZM201 Signal Processor is designed to transmit data to a host device through a preconfigured data stream via Ethernet using Modbus/TCP or from the Serial ports. The host device receives data and can create an application specific bi-directional communication.

An alternative to the traditional weight indicator, the signal processor is ideal for applications such as batching, blending, system process control or inventory which require only an accurate signal for data logging and recording.



The ZM201 stainless steel has a patented IP66 rounded corner design, constructed specifically to displace water residue during cleaning in food processing applications.

Durable, functional keypad

The ZM201 indicator features seven operational keys. Designed with simplicity, speed and ease of use in mind, these keys fulfill common operational requirements with minimal button presses.

The keypad itself is extremely durable and features internal springs, giving the operator a tactile indication that the keys have been pressed effectively. The keypad is also designed for use in harsh environments, using materials that are resistant to chemicals, paint, water and oil.

Simple data transmission

The ZM201 indicator features two RS232 Serial ports which allow connectivity to printers, PCs or remote displays. The additional Ethernet port enables fast and accurate transfer of basic data to a network, directly connected printer or other device.



Battery option for added flexibility

For greater flexibility, the optional rechargeable battery enables the indicators with ABS or stainless steel enclosures to be used remote from the mains power, making it suitable for use in locations where there is no AC power, or in portable applications.

This rechargeable battery solution will keep the system operating for between twelve and eighteen hours, while a battery icon on the display provides the operator with real time battery life status.



Measurement
Canada Approved
AM-5902C



*Signal Processor not approved by Measurement Canada

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www.averyweigh-tronix.com/zm201



ZM300 Series

For applications that require an IP69K enclosure, keypad, or additional connectivity, take a look at the Avery Weigh-Tronix ZM300 series.

Avery Weigh-Tronix

www.averyweigh-tronix.com

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