

ZM510 & ZM605
INDICATORS

Avery Weigh-Tronix



ZM
510 & 605

Flexible, high performance
indicators for advanced
weighing tasks

Flexible weight indicator for advanced applications

Responsive Performance

Avery Weigh-Tronix

The ZM510 and ZM605 are high performance, multi-function indicators which are flexible enough to adapt to complex weighing tasks. Programmable and highly connective, these indicators can store and transmit data across various devices, offering an end-to-end, personalized weighing solution. On-screen instructions and operator messages make the indicators easy to use.

User-centered design

Enclosures

Constructed for use in the office, dusty, wet or high pressure, heavy washdown and outdoor environments, the desktop ZM indicators are IP69K certified and enclosed in 304 brushed stainless steel. The ZM510 and ZM605 can adapt to desk, wall or column mount applications, with a panel mount version also available for incorporating into systems and panels.

Keypads

Both indicators feature metal domed tactile keys and audio contact confirmation. The ZM605 features an alphanumeric keypad, allowing users to store multiple tares and numeric IDs in the internal memory for easy retrieval and for simple entry of numeric values, while the ZM510's large QWERTY keypad makes it flexible for use across all applications. A remote USB keyboard can be connected to both indicators for operator data entry convenience.

On both models, five programmable keys allow for specific weighing tasks to be assigned to the indicator, allowing weighing operations to be carried out quickly and effectively.



ZM510 Stainless Steel Desktop Enclosure



ZM605 Stainless Steel Desktop Enclosure



ZM605 Panel Mount Enclosure

Dot matrix graphical display

High definition, Improved Super Twisted Nematic graphic display gives the ZM510 and ZM605 excellent visibility and color contrast. With wide viewing angles, the ultra bright green and black dot graphic display is easily visible in extreme working conditions and can be inverted for optimum viewing in brightly lit environments.

Pixels can be organized on the display to create personalized Human Machine Interface messages and images.



IP69K Certification/GORE® Vent

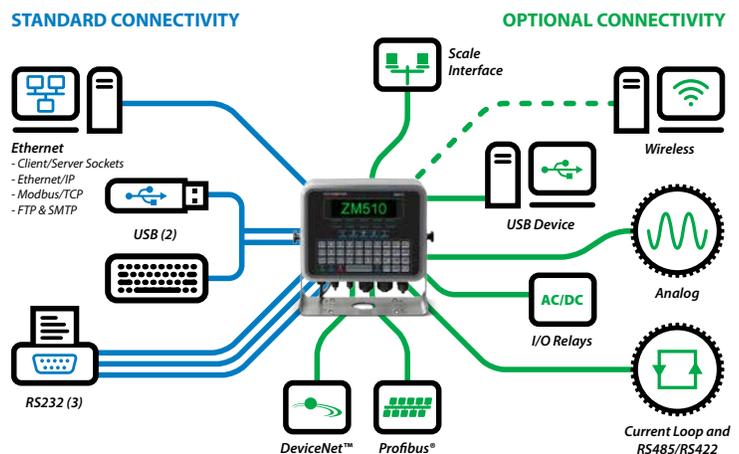
The laboratory certified IP69K stainless steel desktop enclosure offers complete resistance to dust and water ingress, making it ideal for use in high pressure, heavy washdown and dust prone applications.

In food applications, extremes of temperature inside and outside the enclosure can lead to moisture and humidity becoming trapped. The Avery Weigh-Tronix IP69K certified indicators are fitted with GORE® Vent technology: a membrane which allows the indicator to breath while guaranteeing no down time due to water ingress.



Versatile connectivity

The ZM510 and ZM605 offer multi-connectivity, ensuring compatibility and communication between old and new peripheral technologies. The standard Ethernet port can be configured to support multiple independent devices, including DHCP client/server and Ethernet sockets in addition to all serial protocols. Also included as standard are three RS232 serial interface ports for data transfer to older equipment and connection to the Avery Weigh-Tronix BSQ digital bench base. Two USB host ports facilitate communication with printers or keyboards and data transfer via a USB storage device.

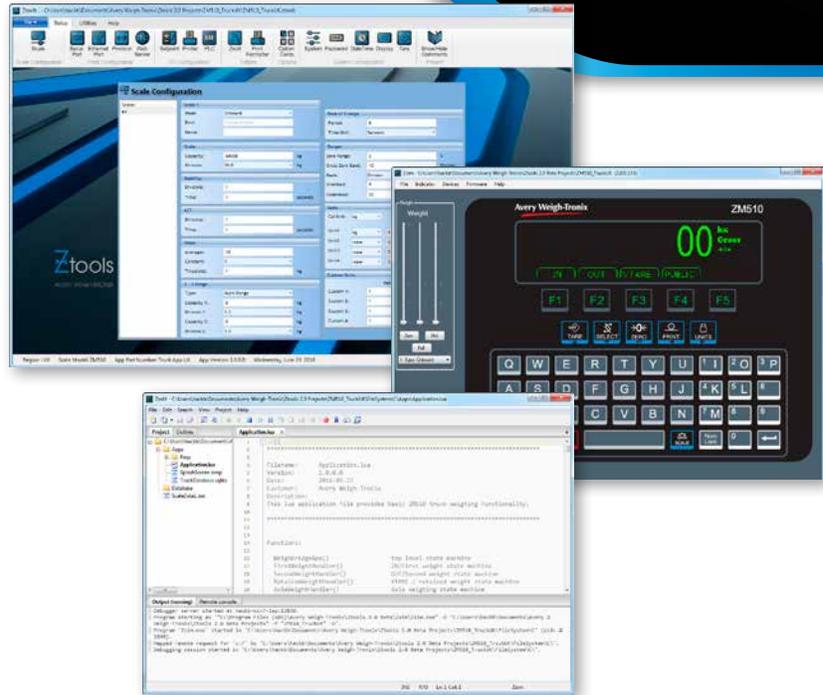


Exceptional Flexibility

ZM510 and ZM605 indicators are compatible with a wide range of weighing platforms: bench and floor scales, truck scales, scales for batching, counting and checkweighing.

These versatile indicators can also provide a fully configurable solution. Their sleek design and user-friendly features provide an ideal platform to create application programs and solutions that are specifically tailored to your business.

The ZM indicator series has also been designed to support application programs that have been built on legacy platforms.



Option Kits

- › Analog output kit: 0-5 VDC, 0-10 VDC and 4-20 mA
- › Current loop kit: Current loop and RS232/RS422
- › USB device kit: Provides USB interface to PC (virtual comm Port)
- › Device Net™
- › Profibus®
- › Wireless (Ethernet) internal kit: 802.11b/g wireless data communications kit with antenna
- › Internal 120 VAC Relay module for IP69K model
- › Scale Input 5 VDC excitation
- › Scale Input 10 VDC excitation with STVS kit
- › External I/O interface kit
- › DC Output, 4 relays 3-60VDC at 2A Kit
- › DC Input, 4 Inputs 4-30VDC kit
- › AC Output, 4 relays 20-240VAC at 1A kit (IP69K models)
- › AC Input, 4 Inputs 120-240VAC kit (IP69K models)
- › Severe Transient Voltage Suppressor (STVS)

Approvals

Patent

- › US Patent 672,262

Agencies

- › NTEP (US) Class III/IIIL 10,000d (CC# 14-039)
- › Measurement Canada class III/III HD (AM-5955C)
- › UL/cUL
- › IP69K

Avery Weigh-Tronix

www.averyweigh-tronix.com

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