

Scale Indicators

A BETTER WEIGH TO MEASURE FARMING PERFORMANCE



TRUCK SCALES LOAD CELLS INDICATORS
SOFTWARE REMOTE DISPLAYS
WEIGH BARS DATA LOGGERS CONTROLLERS
LOAD CELLS INDICATORS PRINTERS



2040 XL



640M



640



640XL



915



1040



1040XL



2040

A Display of Superior Farming Performance.

Avery Weigh-Tronix scale indicators are designed to withstand all the hazards of a farm environment. Every model features a rugged polycarbonate enclosure to seal out dust and moisture, preventing costly downtime. The electronics are designed and manufactured using latest technologies to meet the demanding needs of mobile, on-farm applications and rigorous FCC and CE standards. Components are well protected from surges and automatically shut down if power falls or rises beyond desired levels. All settings and the weight reading are remembered during a power interruption and re-displayed when power is restored. Advanced filtering provides a stable reading despite vibrations or movement on the scale.

All these features, and many more, make Avery Weigh-Tronix scale indicators the obvious choice for superior weighing and batching performance.

Standard features on all Avery Weigh-Tronix scale indicators



Seamless polycarbonate enclosure protects against impact, moisture and dust.

Visor protects display/keypad and helps keep indicator clean.

Backlit LCD display with large numerals for easy readability.

Sealed front panel for further protection

Large membrane-style keys prevent mistakes and breakage.

- Backed by 3-year warranty and experienced service team

- +12 VDC powered.

- Vibration isolators and stainless steel mounting bracket for long lasting performance.

Scale connectors available to interface Avery Weigh-Tronix indicator with other manufacturers' weight sensors.

A choice of connector options to output to a variety of devices including printer, PC, remote display and memory module.

Lower shield protects critical connections.

640M Simple, Gross/Tare/Net Weighing (compact size)

This small, compact general purpose indicator gives simple, yet accurate and reliable weighing for a number of applications such as grain carts, livestock scales, feed bins, and weigh carts.

- 1.1 inch backlit alpha-numeric LCD display, with compact enclosure.
- Zero key zeros the scale, Print key transfers weight data to printer, computer, or transfer data module.
- Gross/Net allows viewing of both gross and net weights. Tare key useful for temporary zeroing of the scale.
- Easily selectable levels of motion filtering for mixer or livestock applications to settle the weight display readings.
- Auto LOC weight features for livestock weighing
- Tracks 100 memory accumulators: individual and total accumulations and averages of each memory channel. (Ex: Yields, Livestock, Ingredient Usage, etc.)
- HOLD weight feature for mobile OEM equipment



640M

- Optional RS-232 serial port, with battery backed time and date with multiple printouts available for printer or TDM system.
- Optional interface to RD40 series remote displays, including the RD40RF wireless remote display

640 & 640XL Simple, Gross/Tare/Net Weighing

The 640/640XL indicator gives simple, yet accurate and reliable weighing for TMR mixers, grain carts, livestock scales, feed bins, and weigh carts and many more applications.

- 1.1 or 2.0 inch backlit alpha-numeric LCD display
- Zero key zeros the scale, Print key transfers weight data to printer, computer, or transfer data module.
- Gross/Net allows viewing of both gross and net weights. Tare key useful for temporary zeroing of the scale.
- Easily selectable levels of motion filtering for mixer or livestock applications to settle the weight display readings.
- Auto LOC weight features for livestock weighing
- Tracks 100 memory accumulators: individual and total accumulations and averages of each memory channel. (Ex: Yields, Livestock, Ingredient Usage, etc.)
- HOLD weight feature for mobile OEM equipment
- Optional lower connector options, can plug weigh bars directly into indicator.
- Optional RS-232 serial port, with battery backed time and date with multiple printouts available for printer or TDM system.
- Optional interface to RD40 series remote displays, including the RD40RF wireless remote display.



640XL



640

915 Cumulative Weighing – Automatically

The 915 is the ideal instrument for farm platform scales, truck mount scales, livestock scales and grain carts. The 915 features include:

- Simple net weighing can be performed by selecting a tare using push-button tare or one of the 100 tare registers, and then placing the loaded container or vehicle on the scale. The indicator automatically calculates net weight and can send data to a printer, PC or memory module.
- 100 tare registers can be preset and recalled by pressing 0 through 99 on the keypad.
- Split axle weighing of large trucks can be performed on small platform scales. The indicator accumulates weight data for each axle as it is weighed. Values can be automatically sent to a printer, PC or memory module.
- Optional single or multiple function remote control units are available. These units can zero, tare or change the weighing mode without a trip to the indicator.



915

915A Livestock Weighing

The 915A indicator appears the same as the 915 on the outside, but has special software features designed for animal weighing.

- As an animal walks across a scale, the 915A can capture and store the animal's weight. Up to 1000 readings can be stored.
- Animal statistics allows convenient viewing and printing of totals, averages and weight extremes.
- ID numbers up to 8 digits long can be assigned to individual animals or groups for detailed record keeping.
- M+, M- and RM keys can be used to manually accumulate weighments, recall weights and statistics or undo last weighment.
- Other convenience features include selfdiagnostics, low battery warning and automatic zero tracking which corrects for "dirt and debris" left on scale.



915A

1040 & 1040XL Advanced Batching Made Easy

The 1040 indicator series includes all the features of a 1015 plus some exciting additional features and enhancements:

- Alpha-Numeric keypad and display allows spelling of recipes, ingredients, pens, etc.
- Large 2" LCD display with backlight is always easy to read, even from loader.
- Batching mode that automatically adjusts to maintain ration balance after first ingredient is loaded.
- Bi-directional Transfer Data System simplifies process of exchanging information between scale and PC (TDM-40/TDS-1040).
- *AutoMix* provides consistent blending with programmed timer with optional speed sensor input.
- Expanded memory to store recipes, ingredients, batch records, pen feedings.
- *Hold* key provides stable readings when moving between loading/unloading locations.



1040XL



1040

2040 & 2040XL Total Feed Management System

The 2040 is a powerful batching indicator designed for today's modern dairy operation. It allows producers to fine-tune their feeding program. The 2040 includes all of the features of the 1040 and adds the following unique capabilities:

- Interfaces to optional Feed Supervisor® software package for ultimate control of dry matter intakes, inventories, shrink, operator performance and other feed related costs.
- Convenient data transfer between indicator and Feed Supervisor using Transfer Data Module (TDM) or wireless RF communications.
- Feeding flexibility allowing operator to change head counts, number of feedings per day, feeding sequence, and target amounts at the indicator if needed.
- Ability to record and monitor "Clean Up" or refusal.
- Viewing of daily "Amount Fed" to each pen.
- Can be used as stand alone batching indicator, and incorporate Feed Supervisor interface as dairy operation expands.
- Model 1040 can be easily upgraded to Model 2040.
- Start and stop times recorded for each individual ingredient and pen transaction
- The 2040XL's large display readout with 2" digits makes long-distance viewing easier.



2040XL



2040

Indicator Accessories

Remote Displays

Remote displays allow scale viewing from a secondary location. This is useful to streamline operations when operators cannot be near the main indicator. Standard and extra-large displays for long-range viewing are available. Wired and wireless models are available for maximum economy or versatility.



RD40XL remote display has a large 2 inch display and optional wireless remote control feature, making it an ideal option to the 640 series for TMR mixers/platform scales.



RD64/XL offer wireless ingredient advance, making them ideal additions to the 1040/2040 series for TMR mixer applications. Step-up to a 2 inch display on RD64XL.



The compact RD64M is a perfect mirror mount remote display for truck mounted TMR mixers. Assists feeder during the unloading process when teamed with a 1040/2040 indicator.



The compact RD40 is a perfect mirror mount remote display for truck mounted TMR mixers. Assists feeder during the unloading process when teamed with a M640 indicator.



The wireless RD40RF with its compact size, allows the feeder to view and control loading in a TMR mixer application right inside the loader cab.

Printers

A wide range of tape and ticket printers are available to provide a hard copy of your scale data. All printers are compatible with any scale indicator and connect via the RS-232 port.



The WP-233 tape printer is available as desktop, panel-mount or housed in a waterproof NEMA 4X case. This is the perfect printer for the farm environment. The dot-matrix print head is designed for reliability and long life.



The TM-295 ticket printer is the world's smallest package slip printer, providing durable, reliable performance. This printer is designed with speed and versatility in mind.



The Transfer Data Module (TDM) saves information to 64KB of non-volatile memory using the indicator's print function. Later the data can be downloaded to a PC via the COM port. The module is durable, waterproof and requires no batteries.



Both the TDS-40 and TDS-1040 Transfer Data Software retrieve scale data from the TDM and save it to popular database and spreadsheet formats for archiving, analysis and printing. The TDS-1040 gives you additional bi-directional capability of programming the recipes, ingredients, pens, etc. at the PC and using the TDM to transfer information to and from the indicator.

Transfer Data System

The Transfer Data System (TDS) provides a simple, reliable method of transferring data between a scale and PC for storage and analysis. TDS is compatible with any scale indicator.

Avery Weigh-Tronix *Serving the Agricultural Industry*

Scale Solutions for Demanding Applications

Avery Weigh-Tronix provides quality weight-based solutions to demanding agricultural applications - TMR mixers, grain carts, animal, bin and truck scales, squeeze chutes, weigh wagons, grinder /mixers, cotton buggy, catfish feeding, logging and the list goes on. The Avery Weigh-Tronix engineering team always has the farming environment in mind as they take a design from concept to finished product. Every day, agricultural producers harvest benefits from the legendary scale performance whether indoors or outdoor, stationary or mobile. Our products have stood the test of time on thousands of farms and are ready to handle any environment.

Worldwide Leader and Technology Innovator

Avery Weigh-Tronix is a technology developer and manufacturer of weighing products and systems for customers with rapidly changing needs. Avery Weigh-Tronix entered the marketplace in time to help guide the weighing industry from mechanical to electronic technology. The introduction of the Weigh Bar® weight sensor and the early use of the microprocessor as a key component of weighing instrumentation marked the company as a leader in the development of technological solutions for customer requirements.



For over thirty years the company has accomplished consistent, strategic growth with the goal of becoming the preeminent supplier of weighing technology for stand alone and systems applications. Some of the reasons for marked growth of the company: innovative products, customer commitment, continuous process improvement and people.



Quality Products and Services

Continuous process improvement has powered the growth of Avery Weigh-Tronix and influences every detail of the way we do business. Our entire work force helps create effective solutions to challenges in manufacturing, scheduling, cost containment and delivery.

Avery Weigh-Tronix is a member of the world community in which ISO 9001 has become a recognized standard of business operation to a growing number of our customers. It requires disciplined attention to detail, careful documentation of processes, and continuous checks against variation in product or procedure. These are business practices that the world marketplace values and insists upon. These are business practices that we are happy to offer you, our customers.

Customer Commitment

The Avery Weigh-Tronix engineering, sales, manufacturing and service team proudly contributes to the successes of agribusiness and are committed to customer satisfaction. For more information and details on all products, visit www.ag scales.com.



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