FLOOR SCALES

FORKLIFT SCALES

BENCH SCALES

CONVEYOR SCALES

COUNTING SCALES

MATERIAL HANDLING — *Scales and systems for facilities and warehouses.*

Material Handling

INDICATORS

PRINTERS

SOFTWARE
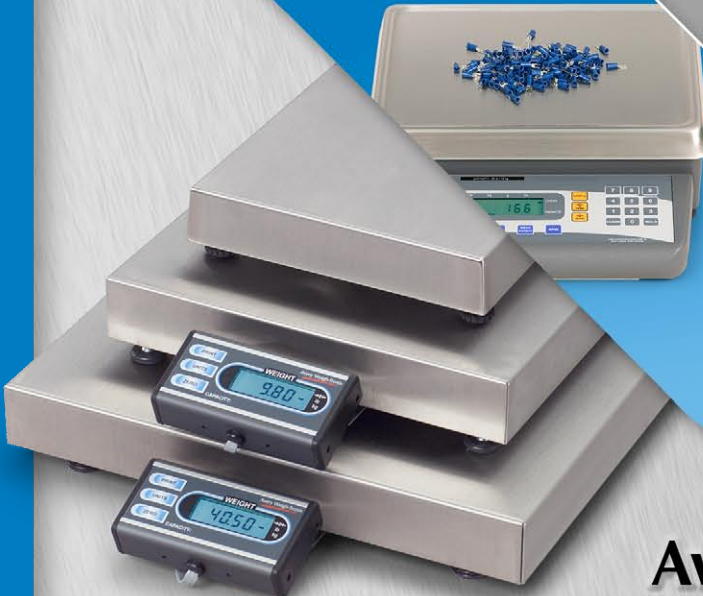
Avery Weigh-Tronix

Avery Weigh-Tronix

Avery Weigh-Tronix pioneered or refined many of the electronic scales that manufacturing facilities and warehouses have come to rely on. These weighing systems reduce processing time, increase employee efficiency, minimize errors and streamline accounting procedures.

Material Handling | Scales and Weighing Systems

ProDec

FLOOR SCALES

Avery Weigh-Tronix floor scales are a standard commercial and industrial fixture. They are engineered for low maintenance and greater reliability in high-traffic, heavy-use applications. They offer four-way access, high stability and consistent accuracy, even with off-center loading or accidental overloading. All models feature a non-skid tread plate platform and are available with an enamel or USDA-approved epoxy finish. Many sizes are also available in stainless steel for highly corrosive environments and constant heavy washdown.

Deck Scale Series

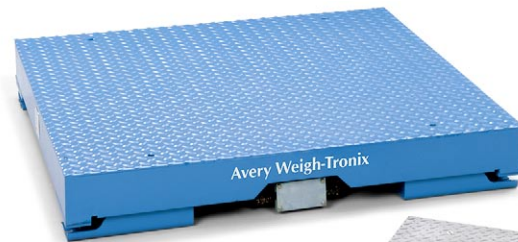Unexcelled service life is achieved through rock solid, steel sandwich construction.

Platform sizes from 2' x 2' to 12' x 10' with capacities ranging from 500 to 50,000 lbs.
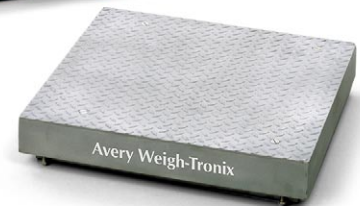
ProDec Series

Lower profile and optional ramps provide easier access for manual loading.

Platform sizes from 30" x 30" to 96" x 72" with capacities ranging from 2,000 to 20,000 lbs.

Deck Scales

Low Profile Series

"Pit scales" without the pit. Save time by weighing loads in-transit. Low profile scales are engineered to provide easy access to lift trucks or hand trucks. Scales in sizes up to 8' x 5' or 6' square are a mere 2" high; larger models only 3" high. The approach angle (with optional ramps) is a shallow 3.5°. Low Profile Scales are self-contained, "plug and go" systems designed for rapid setup or relocation to accommodate changing traffic patterns.

Scales are available with a wide range of options for added value and convenience:

- Remote displays
- Counting scales
- Ticket, tape and label printers

Platform sizes from 3' x 3' to 9' x 7' with capacities ranging from 2,000 to 40,000 lbs.

"Clear View" vision window

FORKLIFT SCALES

Avery Weigh-Tronix FLSC and QTLTSC Forklift Scale Systems were specifically developed to deliver reliable, repeatable weighing in industrial and commercial applications; including fast-paced warehouse, freight terminal and recycling center environments.

Features of the FLSC and QTLTSC Forklift Scale Systems:

- Incorporates application-designed Avery Weigh-Tronix Weigh Bars for robust operation, high accuracy and repeatability
- Features largest "Clear View" vision window in the industry (FLSC)
- Performs legal-for-trade weighing en route—even when tilted—for Class II (FLSC), Class III and Class IV (QTLTSC) forklifts
- Delivers continuously accurate weighing by monitoring stress while the forklift mast is tilted
- Offers wireless scale carriage option (FLSC) that places a battery and radio within the carriage, eliminating the scale-to-instrument interface cable
- Weighs loads electronically—without flexures, hydraulics or springs that can affect weighing while the forklift mast is tilted
- Withstands environmental and warehouse jolts common in forklift applications with rugged design
- Uses FLI 425 or FLI 225 instruments for quick, convenient weight data management and wireless data communications.

FLSC Forklift Scale

QTLTS

The solution for monitoring loads handled by forklifts that do not require legal-for-trade accuracy. The system consistently provides 99% or better weight accuracy of the applied load regardless of the position of the forks or mast. Specifically developed for industrial applications, this system weighs accurately in demanding applications.

Instrumentation

FLI 425:

- 7" Touchscreen TFT Color LCD Display
- 4 Hard Keys
- Windows CE.NET® Platform
- Flexible Data Transmission
- Cushioned Case Surround

FLI 225:

- Fast View LCD Display
- 9 Hard Keys
- Dual Serial Ports

Avery Weigh-Tronix

Diamond Series Bench Scales

BENCH SCALES

No stranger to hard work, Avery Weigh-Tronix bench scales are built for the long haul. They simply satisfy the need for basic weight measurement while providing the added advantages of all-electronic design: fast response, high accuracy and no moving parts for minimal maintenance. The choice of models, sizes and options makes it easy to address your specific application requirements.

Diamond Series – Scales as tough as the name implies

- Five capacities from 30 to 500 lb.
- Deck sizes of 14, 18, 20 and 24" square
- Stainless or carbon steel construction
- Overload and dropped object protection
- I/O capabilities dependent upon selected weight indicator

Options include ball-top shroud to reduce operator strain and portable cart with attached indicator stand.

Optional ball-top

Model 3700LP – Solid performance over a wide spectrum

- Five capacities from 10 to 250 lb.
- Stainless steel platter
- Overload and dropped object protection
- Built-in weight indicator with remote display

Available with optional ball-top shroud and battery operation.

Optional cart with built-in indicator stand

NCI Model 7815 – An economical scale ideally suited for low to medium volume parcel shipping or general weighing applications.

- 150 lb. capacity, available in a legal-for-trade model
- Built-in weight indicator
- ABS plastic platter with die cast aluminum base
- RS-232 I/O port for connection to a host device

Options include stainless steel platter, ball-top shroud, display tower and remote display.

NCI 7815

Model 3700LP

NCI 7620

SHIPPING SCALES

Put your mail room or shipping department on solid ground with NTEP approved NCI scales. With NCI you get consistent accuracy, fast digital response and simple operation. Scales may be used in stand-alone applications or interfaced with a shipping manifest program or receiving station.

NCI 7620 – Weigh letters, flats, parcels and larger packages all on a single scale. Quartzell® transducers allow multi-range weighing with an accuracy of .05 oz in the postal classifier mode to .02 lb at maximum capacity in the scale mode.

> 150 lb capacity; 12" x 14" platter

NCI 7885 – On a bench or in a conveyor line, the 7885 offers hard-use durability for most parcel weighing needs.

> 150 lb capacity; 18" x 18" platter; remote display

NCI 7824 – The weighing solution for heavier and oversize parcels.

> 250 lb and 300 lb capacities; 24" x 24" platter; internal display (remote display optional)

NCI 7824

NCI 7885

Smooth stainless steel platter standard on all models. Optional stainless steel ball-top platter shown.

CONVEYOR SCALES

Consolidate multiple steps for more efficient use of time and labor. In-line scales are ideal for packing and loading operations that require the ability to weigh individual cartons, cans or other discrete units. They are ideally suited for checkweighing, straight weighing and weigh accumulation operations.

Self-contained Conveyor Scale – Freestanding, self-powered for easy installation in new or existing facilities.

- 100 and 200 lb capacity models
- Widths from 12" to 36"; lengths from 36" to 60"
- Adjustable height
- Stainless or carbon steel construction

Conveyor Scale

Weigh Legs Typical Installation

Weigh Legs – Turn conventional conveyors into full-featured electronic scales.

- Bolt-on leg frames quickly replace the existing legs on static or in-motion conveyor sections
- Individual leg frame capacities of 250, 500 and 1,000 lb – double rating for total scale capacity
- Adjustable height
- Available in mild or stainless steel

Choice of indicators offers a range of capabilities and outputs to interface with computers, label printers, bar code readers, etc.
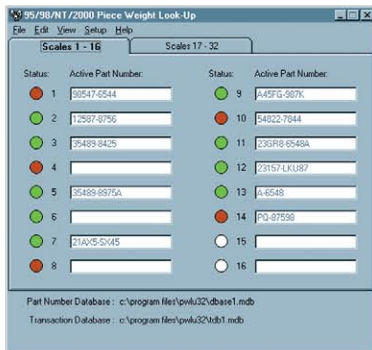
Avery Weigh-Tronix

PC-905

PC-820

PWLU (Piece Weigh Look-Up)

Options include draft shields, battery operation, printers, remote displays and ball-top platforms.

Loadcell Technology

* The Quartzell and vibrating beam, pure digital transducers used in these scales have virtually unlimited internal resolution. It overcomes the limitations of analog components for unexcelled speed and accuracy.

COUNTING SCALES

Smooth-running production schedules and the ability to quickly fill orders requires accurate inventories. The high precision of Avery Weigh-Tronix counting scales helps ensure that the parts you think you have on-hand are actually in stock.

PC-820* – A feature-rich scale that fine tunes the science of parts counting. Includes multiple one-touch keypad functions, backlit dot matrix display with operational annunciators, Harmonizer noise and vibration filtering, large memory capacity and extensive input/output capabilities.

- 10 lb capacity; 8.5" diameter platform
  50 and 100 lb capacities; 12" x 14" platform
- Available with Windows® based PWLU Inventory control software. Allows the connection and management of up to 32 PC-820 scales with a single computer.

PC-905* – The PC-905 counting scale focuses on simple operation while offering the advantage of a full keypad. The scale automatically switches from internal base to an optional remote floor scale or bench base after a sample is performed.

- 10 lb capacity; 8" diameter platform
  25, 50 and 100 lb capacities;
  12" x 14" platform
- Large 0.5", 7-digit/7-segment backlit LCD display

PC-902* – Parts counting doesn't get any easier. Simplified control panel virtually eliminates operator training. Operation can be performed with a single keystroke. Physical specs same as the PC-905.

PC-902

INSTRUMENTATION

Avery Weigh-Tronix Evolution indicators reflect the commitment to reliability and long service life that is the cornerstone of Avery Weigh-Tronix scale engineering. Select models feature NEMA 4X stainless steel enclosures and are ideally suited for harsh environments.

Your Avery Weigh-Tronix distributor can provide valuable assistance in selecting the indicator and options that will best suit your application and allow you to gain the maximum benefit from the information contained in your scale's weight data.

Pure simplicity – With an easy-to-read display, the E1010 is an excellent choice for stand-alone scale installations. The E1010 offers the versatility of internal battery power for mobile applications and provides a serial interface for printer or PC connectivity.

Flexibility for changing needs – The Evolution line of indicators/controllers focuses on versatility and ease in adapting to changing needs. In addition to general weight measurement, the E1070 indicator offers a very cost effective high connectivity solution. The E1070 incorporates a built-in interface for plug-and-go network connectivity via Ethernet 10/100, PROFIBUS® DP or DeviceNet™. Dual communication ports are also standard for connection to computers and peripheral devices.

The E1070 features a bright LCD readout with large 0.8″ digits and offers the added convenience and functionality of a full numeric keypad.

Best in class – The E1110 is the ultimate configurable indicator for: static weighments, in-motion weighing, checkweighing and process control. It provides support for up to 12 Weigh Bar® weight sensors and offers a wider range of input/output/connectivity options.

Custom/tailored performance – The E1310 offers more powerful and sophisticated capabilities. Features include simultaneous display of multiple scales, user-configured displays, direct process control, network communications and programmable softkeys.

The E1310 can be programmed to measure, monitor and control virtually any weight-based operation. It is designed to function in a fully integrated and automated environment with upgrade options to communicate over the widest range of network protocols. The E1310 allows remote analysis of real-time data, system configuration and diagnostics. Its high-resolution, bright white on blue display can present data both numerically and graphically.

Model E1070

Model E1310

The advanced Model E1110 offers process control using built-in configurable applications.

PRINTERS

A direct advantage of Avery Weigh-Tronix electronic scales is the ability to print forms, tickets, labels and reports as you go or from stored weight data. The following models have demonstrated their versatility and reliability in highly diverse commercial and industrial applications.

TM-295 – A compact, economical ticket printer that accommodates paper sizes from 3.5 inches square up to 7" x 10".

- Dot matrix
- 1.9 to 2.3 lines per second
- Multiple character sizes
- Forward and reverse paper feed
- Standard RS-232 interface

WP-234 – Low cost, continuous feed journal printer quickly generates printouts for weighments or data collection – small enough to fit anywhere.

- Dot matrix
- 24, 32, and 40-column capacity
- Up to 130 lines per minute
- RS-232 interface
- Selectable sequential transaction numbering

LP 2844 – Direct thermal printer for easy bar coding, continuous printing of variable-field labels, receipts and tags.

- Space-saving design
- 4" per second
- 512K Flash memory
- Windows® drivers
- Serial RS-232, Parallel and USB interfaces

TM-295
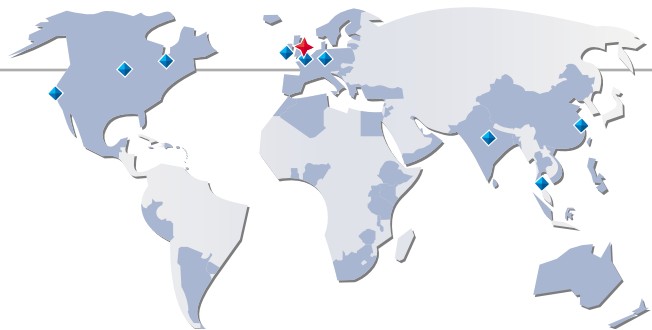
WP-234

LP 2844

Avery Weigh-Tronix

Avery Weigh-Tronix - USA
1000 Armstrong Drive,
Fairmont, MN 56031-1439   USA
usinfo@awtxglobal.com
Toll-Free: (800) 533-0456
Phone: (507) 238-4461

Avery Weigh-Tronix - UK
Foundry Lane, Smethwick,
West Midlands B66 2LP   UK
info@awtxglobal.com
Phone: +44 (0) 8453 66 77 88
Fax: +44 (0) 121 224 8183

Please call us or visit *www.averyweigh-tronix.com* for your nearest Avery Weigh-Tronix distributor