The ZP900 is a highly accurate digital post, mailing and shipping scale. This high speed, high performance shipping scale will display and transmit data and integrate with back offi ce to POS systems. It provides the fl exibility needed to manage vital weight data within your operation.

Avery Weigh-Tronix

Manufacture: Avery Weigh Tronix
SKU: **AWT05-508824**
Weight: 20.00 lb
Free Ground Shipping within the 48 continental US States

Please Call (800)832-0055

Features

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Compatible With UPS, DHL, and FedEx

Features the very latest Quartzell™ technology to guarantee speed and accuracy. Communicates via RS232, or optional USBHID and Ethernet, allowing easy integration into existing third party software systems used around the world.

Post, mail and shipping centers rely on e. cient and reliable data to ensure peak performance. Our range of scales has been developed in partnership with our customers and designed for use in diverse environments, from retail counters to back o. ce systems.

The ZP900 is a highly accurate postal scale speci. cally designed to meet a variety of customer requirements. This high speed, high performance postal scale will display and transmit data, integrate with back o. ce and POS systems and give you the . exibility you need to manage vital weight data within your operation.

The high quality Avery Weigh-Tronix Quartzell™ design enables the ZP900 to accurately weigh any item, from small letters to 150 lb/80 kg parcels on a single scale. The selection of sizes, capacities and display options make the ZP900 a . exible weighing solution.

Maximize counter space The ZP900 is available in two main sizes: 9 in x 12 in (230 mm x 305 mm) and 12 in x 14 in (305 mm x 355 mm). With counter space at a premium the ZP900 has been specially designed with a small footprint. The ability to allow one scale to be shared between two or more operator terminals also reduces the need for counter space, while increasing customer throughput.

Display options The ½ in / 13 mm weight display uses Improved Black Nematic (IBN) technology, to provide a high contrast, high quality green on black display. This technology provides an exceptional contrast ratio and a wide viewing angle, making it easy to read in a variety of lighting conditions.
Available with a range of operator and customer display options, from an operator weight display mounted directly on the base of the scale or on a desk, to a customer display mounted on a column for easy visibility, the modular design provides a range of solutions which are easy to service and maintain providing a low total cost of ownership.

- **Ball top** For applications where heavy boxes or parcels are being weighed, the 12 in x 14 in (305 mm x 355 mm) ZP900 can be . tted with a ball-top pan, reducing lifting and increasing throughput.
- **Battery** As well as being available with a range of global power options, from 110 to 240VAC, the ZP900 also has the option of a rechargeable battery that will give up to 16 hours of continuous use between charges.
- **Carrying handles** The optional carrying handles make the ZP900 an ideal portable solution if it frequently needs to be moved to di. erent locations
- **Connectivity** The ZP900 can communicate using a wide range of channel options such as RS232, USB or Ethernet. Ethernet connectivity is optional, enabling simple integration with software and providing . exibility for ongoing enhancements to meet future customer needs. It can also be used as a local or remote diagnostic port.

Third party integration The ZP900 can also be . ush mounted into the counter or integrated into a kiosk or static dimensioning solution. By installing the weighing platter . ush with the counter and suspending the weighing mechanism underneath, boxes and parcels can be moved on and o. the scale with minimum e. ort.
With Serial, USB and Ethernet connectivity, the ZP900 has been designed for compatibility with all third party software including UPOS and OPOS supported software systems, providing a platform for new technology developments in the postal industry.

Strength and durability The Quartzell weighing technology is housed and protected within a robust yet compact die-cast casing, which provides outstanding protection against knocks and overloads. When combined with the 1100% breakaway overload protection, this o. ers a rugged solution for use in busy environments such as shipping areas. With extensive experience of designing solutions for the post, mail and shipping industry, Avery Weigh-Tronix has further improved the technology in this range.
The ZP900 can be locked down to a counter and is . tted with an anti-vandalism, stainless steel top platter that cannot be removed without special tools. These features o. er additional security for the scale when used in public-facing solutions, such as on a counter or self-service kiosk.

Accuracy, speed and reliability Available in several multi-range capacities from 10 lb/6 kg up to 150 lb/80 kg, the ZP900 uses the latest digital Quartzell weight transducer technology from Avery Weigh-Tronix, to ensure a fast return to zero between readings. This o. ers users the speed and repetitive accuracy that can be vital in situations where there is a large throughput of packets.

Quartzell speed and accuracy

Unlike a strain gauge load cell which produces an analog signal that has to be converted to digital, the Quartzell transducer uses two, highly-accurate doubleended tuning-fork quartz crystal sensors. The resulting digital frequency greatly reduces weight conversion errors while increasing speed and accuracy.

Speed The digital signal allows a scale to weigh faster and with greater resolution. All mail and parcels can be weighed on a single scale, improving throughput and processing to save both time and money.

Revenue protection Quartzell technology answers the need for higher accuracy and revenue protection in domestic and international postal applications.

Digital accuracy Because each cell uses two quartz crystals, the Quartzell transducer eliminates external in. uences such as temperature and pressure. When weight is applied, the signal is not a. ected by environmental interferences, resulting in a more accurate weight reading.

Durability The rugged, long-lasting Quartzell transducer is manufactured using standard production techniques and equipment, resulting in a product that will stand the test of time.

Adjustable gravity constant value Gravity varies around the globe. The factory pre-set gravity constant value can be adjusted to account for the geographical location, maintaining consistent calibration and weighing with complete accuracy.

Proven and tested Since . rst introducing Quartzell to the market in 1995, Avery Weigh-Tronix has continued to enhance and develop the technology to o. er the highest accuracy, speed and reliability. Quartzell has proven itself in thousands of installations worldwide. The Quartzell transducer provides consistent, repeatable output. This ability increases speed, saves time, provides greater accuracy and minimizes user error.

Specifications

Model	ZP900 AWT05-508822	ZP900 AWT05-508824	ZP900 AWT05-508823	ZP900 AWT05-508826	ZP900 AWT05-508825	ZP900 AWT05-508829	ZP900 AWT05-508830	ZP900 AWT05-508833	ZP900 AWT05-508834	ZP900 AWT05-508832	ZP900 AWT05-508827	ZP900 AWT05-508828	ZP900 AWT05...
Capacity x Readability	70 lb x 0.2 oz	100 lb x 0.2 oz	150 lb x 0.5 oz	100 lb x 0.2 oz	150 lb x 0.5 oz	70 lb x 0.2 oz	150 lb x 0.5 oz	70 lb x 0.2 oz	150 lb x 0.5 oz	70 lb x 0.01 lb	70 lb x 0.2 oz	70 lb x 0.2 oz	70 lb 0.2 o...
Platter Size	12" x 14"										9" x 12"		
Legal For Trade	United States: NTEP approved for use in Class III operations, CC #90-132												
	Canada Weights and Measures approval Pending												
RS232	2 x RS232 Bi-directional												
RS232 Cable	YES	YES	YES	YES	YES	-	-	-	-	-	YES	-	-
USB HID With Cable			-			YES	YES	-		-		YES	
Remote Display Pole				-				YES	YES		-		YES
Battery Power & Carry Handles					-				YES		-		
Ball Top	-			YES	YES					-			
Display Options	Up to 2 active displays: One weight indicator and one remote display. Options available are base mounted display, pole mounted display, pole mounted dual display and desk mount displays												
Supported Protocols	SMA, NCI, ECR and D901												
Operating Systems	USB HID supports OPOS & UPOS on Microsoft operating systems with Windows XP, Windows 7 and Windows 8. Serial RS232 communication also available												
Unit of Measure	1 unit of measure is standard in lb or kg. A 2nd unit of measure in lb, kg, grams, oz or lb-oz can be enabled												
Incremental Selections	Multiples of 1, 2 or 5 with division size starting at 0.001												
Metrology Selections	Capacity, Division Size, Units of Measure, Motion, Auto Zero Tracking (AZT), Filtering, Initial and Operating Zero Range, Over/Under Capacity Ranges, Multi-Range/Interval Operation and Normal Scale/Weight Classifi er Rounding												
Time and Date	Battery back up time/day/year (12 hour or 24 hour format)												
Calibration	Two to fi ve points stored calibration with Gravity Compensation and Initial Start-Up Gravity adjustment prompting All metrology data stored directly in the base												
Digital Filtering	Harmonizer fi ltering available for unstable installations												
Keypad	ZERO, F1 and four navigation keys												
Status Annunciators	Zero, Motion, Gross, Battery Status, Weight Range 1/2/3, lb, kg, alternate unit of measure, optional Ethernet activity												
Display	IBN illuminated, 0.5" (13 mm) high 7 segment 7-digit, green on black background for high contrast and wide angle viewing												
Displayed Resolution	Agency approved up to 10,000 divisions per range with up to 3 range settings												
Base Enclosure	Robust aluminum die cast housing fi tted with lipped stainless steel weight platter that is securely fi xed to the base. The base is also fi tted with four adjustable anti-slip feet standard												
Display Enclosures	ABS plastic												
Load Cell Technology	High accuracy digital Quartzell												
Operating Temperature	41° F to 104° F / +5° C to 40° C (Approvals) at 10 to 90% humidity												
	-4° F to 140° F / -20° C to 60° C (industrial) at 10 to 90% humidity												
Return to Zero Speed	Stable Zero using up to 10% capacity 1.20 seconds ; 10% to full capacity 1.40 seconds												

Overload Protection	Up to 1100% overload protection based off the 80 kg base structure via our patented spring protection system

i81u812

Contact US   718-336-5900   Returns   Store Policies   About Us

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