

Ideal for busy, demanding parcel and shipping applications

Technical Specification



Model ZP224

DESCRIPTION

The ZP224 durable 24" x 24" Bench Scale provides a fast, accurate weight reading ideal for accommodating heavy, oversize parcels or containers found in busy post, mail and shipping rooms.

Supplied with a built-in, flush-fitting, six digit 1" (25 mm) high backlit LCD display that is mounted centrally in the front face of the base.

An optional second remote display can be plugged in to provide the customer a facing weight reading.

A range of emulation protocols are available within the scale to allow you to quickly select the correct compatible

communication protocol to interface with a wide range of third party post, mail and shipping software programs or host devices. This will be communicated through either a serial RS232, USB (HID) or USB (VCP) port found on the rear of the base.

The ZP224 is NTEP and Canada W&M trade-approved and comes factory calibrated at 250 lb x 0.05 lb (100 kg x 0.02 kg).

SPECIFICATIONS

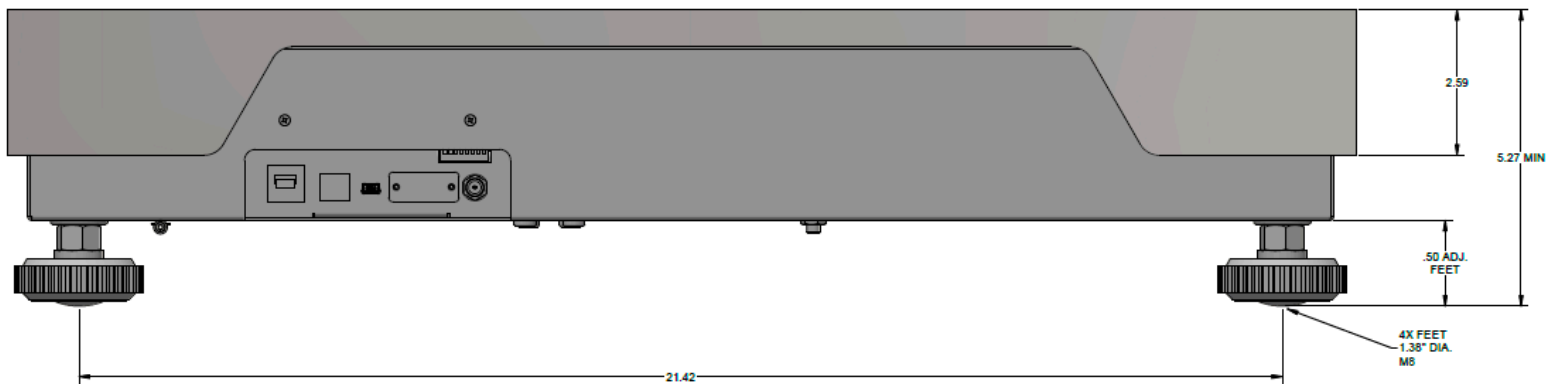
COMMUNICATION

Connectivity 1 x RS232 (9 way female D Type connector), 1 x USB HID (Mini USB) or 1x USB VCP (USB-Type B)
2nd Remote display connection (RJ 45) *All are positioned on the rear of the base*

Supported Protocols 4 Supported Protocols: NCI (default), SMA, Auto Weight Send 1, and Auto Weight Send 2. Includes as standard USB HID Keyboard Wedge output. USB VCP for use with downloadable USB VCP driver

DISPLAY

Display Type	Flush fitting six digit, 1" (25 mm) high backlit LCD display Optional 2nd remote six digit, 1" high backlit LCD display housed in an ABS enclosure with a 6 foot cable, connected via RJ 45 connector on the rear of the scales base
Remote Display Housing Sizes	8" x 3" x 1.5"
Operational Keys	POWER/ZERO: Includes Auto Zero Tracking or Manual push button to re-establish zero reference. UNITS: Allows you to select between lbs and kgs. TARE: Perform a tare function for gross and net weigh.
Units of Measure	lb, kg
Configurable Selections	Capacity, resolution, lb or kg, filters, baud rates, protocols, back light setting, and stand-by mode
Time and Date	No
Base Sizes	24" x 24" x 5" (610mm x 610mm 114mm)

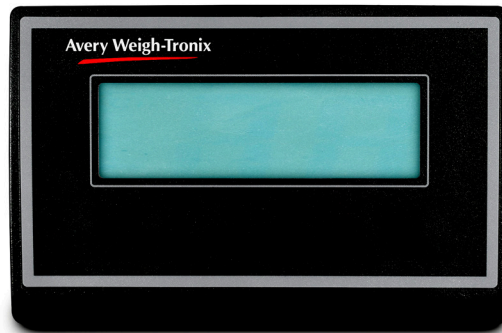


Top Pan Constructions	Stainless steel weight platter Ball top weight platter (48 ball)
Base Construction	Painted all-metal frames and heavy duty overload protection using an aluminum analog load cell <i>Durabridge Technology helps reduces overall scale deflection when a full load is applied</i>
Base Capacity	Capacity (lb) 250 lb x 0.05 lb / 100 kg x 0.02 kg factory default
Power	100-240V, 50/60Hz, 0.4A max with US two prong blade type, wall-mount adapter or via RS232 and USB ports.
Operating Environment	Temperature: 42° F to 104° F (5° C to 40° C) Relative Humidity: 10 to 95% (non-condensing)
Calibration	2 point calibration process (zero and span capacity) Linear calibration Field calibration can be carried out by using less than full capacity weights <i>Gravity compensation to allow the local gravity to be entered for where the scale is to be used</i>
Filtering	Standard, Fast or Slow

OPTIONS

Remote Customer Display

Allows for placement of weight display in a convenient location



Ball Top Weight Platter

Stainless steel, using 48 roller balls to simplify handling and transport of all parcels. One piece lift-off design for easy field retrofitting



APPROVALS

Certifications

NTEP approved for use in Class III operations, CC 22-053
Canada Weights and Measures approval AM-6205



Measurement
Canada Approved

Avery Weigh-Tronix



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