Avery Weigh-Tronix

7820

Parcel Shipping Scale

Ideal for busy, demanding
parcel and shipping applications

Technical Specification

Model 7820

DESCRIPTION

The 7820 durable 12" x 14" Bench Scale provides a fast accurate weight reading that fits into any operation as a stand-alone scale, interfaced to a shipping manifest software or receiving station.

Designed with a hard wearing stainless steel weight platter and a rugged aluminum die cast housing and load bridge that offers outstanding protect to the centrally mounted aluminum analog load cell.

Supplied with a built-in, flush-fitting, six digit ½" high LCD display that is mounted in the front face of the base.

An optional second remote display can be plugged in to give a customer 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.

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) 1 x 2nd Remote display connection (RJ 45) *All are positioned on the rear of the base*
Supported Protocols	Standard NCI default with field configurable settings of 8213, 3835, SMA, with Auto Weight Send *(2400 – 19.2K baud range) Transmits weight and scale status whenever ASCII "W" <CR> is sent by a remote device.*

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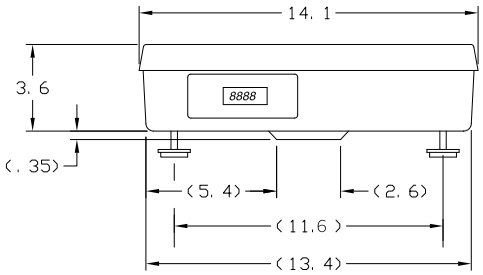
DISPLAY

Display Type	Flush fitting six digit, ½" high LCD display Optional 2nd remote six digit, ½" high LCD display housed in an extruded enclosure with a 7 foot cable, connected via RJ 45 connector on the rear of the scale base
Number of Displays Allowed	2 (1 standard, 1 remote display optional)
Display Bracket Options	Optional 12" high pole mounted display bracket
Remote Display Housing Sizes	8" x 3" x 1.5"
Operational Keys	ZERO: Includes Auto Zero Tracking or Manual push button to re-establish zero reference TEST: Runs a diagnostic test to ensure scale is fully functional and allows a real-time view of internal settings
Units of Measure	lb
Incremental Selections	Multiples and sub-multiples of 1, 2, 5
Configurable Selections	Capacity, resolution, filters, baud rates, protocols, auto printout, scale or post classifier *Default configuration is as postal weight classifier*
Time and Date	No
Base Sizes	12" x 14" x 4.5" (305mm x 357mm 114mm)
Top Pan Construction	Stainless steel weight platter Optional: Ball top weight platter (9 balls)
Base Construction	Rugged with powder coated die cast aluminum housing and load bridge, housing a aluminum NTEP approved analog load cell Lockable adjustable feet, 1" diameter with up to 1" of height adjustment
Base Capacity	**Capacity (lb)** 100 lb x 0.02 lb 150 lb x 0.05 lb Lockable adjustable feet, 1" diameter with up to 1" of height adjustment
Power	120 VAC (+10% -15%), 60 Hz, standard 3-wire ground
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) Field calibration can be carried out by using less than full capacity weights *Gravity compensation to allow the local gravity to be entered for where the scale is to be used*
Internal Resolution	1 part in 120,000
Filtering	Fast or Slow
Self-Diagnostics	2 level diagnostics: front panel display test or full service diagnostics. *(Display, RAM, ROM, input/output & high resolution x10 division test)*



OPTIONS

Pole Mount	12" high pole indicator stand to allow easy viewing of the indicator
Ball Top Weight Platter	Stainless steel, using 9 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 95-070 Canada Weights and Measures approval CC # AM-5076 Rev 4

Measurement Canada Approved
AM-5076 Rev 4

Avery Weigh-Tronix

www.averyweigh-tronix.com

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