Avery Weigh-Tronix

7829

Parcel Shipping Scale

Ideal for busy, demanding
parcel and shipping applications

Technical Specification

Model 7829

DESCRIPTION

The 7829 durable 20" x 20" Bench Scale provides a fast and accurate weight reading ideal for accommodating heavy oversize parcels or containers found in busy post, mail and shipping rooms.

Designed with a hard wearing stainless steel weight platter and a rugged powder coated carbon steel base housing which helps to fully protect the centrally mounted aluminum analog load cell from damage.

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

SPECIFICATIONS

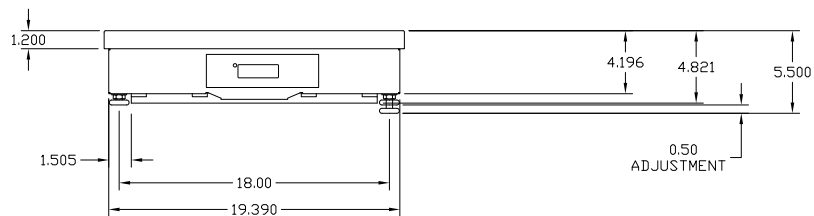### COMMUNICATION

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 *(1200 – 19.2K baud range)* Transmits weight and scale status whenever ASCII "W" <CR> is sent by a remote device.

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 or kg (lb default)
Incremental Selections	Multiples and sub-multiples of 1, 2, 5
Configurable Selections	Capacity, resolution, lb or kg, filters, baud rates, protocols, auto printout, scale or post classifier Default configuration is as postal weight classifier
Time and Date	No
Base sizes	20" x 20" x 4.5" (510mm x 510mm 114mm)

Top Pan Construction	Stainless steel weight platter Optional: Ball top weight platter (25 ball)
Base Construction	Durabridge® design, with powder coated carbon steel base housing and aluminum NTEP approved analog load cell *Duarabridge Technology helps reduces overall scale deflection when a full load is applied*
Feet	Lockable adjustable feet, 1" diameter with up to 1" of height adjustment
Base Capacity	**Capacity (lb)** 250 lb x 0.05 lb
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 25 roller balls to simplify handling and transport of all parcels. One piece lift-off design for easy field retrofit

APPROVALS

Certifications	NTEP approved for use in Class III operations, CC 95-121

Avery Weigh-Tronix

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