

Parcel Shipping Scale

Ideal for busy, demanding parcel and shipping applications

Technical Specification



Model 7821

DESCRIPTION

The 7821 is a 200 lb 12" x 14" dual unit switching Bench Scale that provides a fast accurate weight reading that fits into any operation as a stand-alone scale, interfaced to shipping manifest software, or receiving station.

Supplied with an easy-to-use unit switching key that allows the scale to be easily switched between lb and kg. The 7821 is ideal for most international shipping applications.

Designed with a hard-wearing stainless steel weight platter and a rugged aluminum die cast housing and load bridge that offers outstanding protection 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.

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 & 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

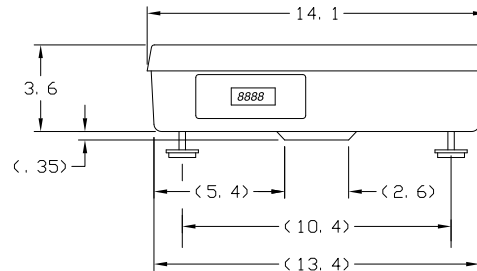
Connectivity 1 x RS232 (9 way female D Type connector), 1 x USB HID (Mini USB) or 1x USB VCP (USB-Type B)

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
Number of Displays Allowed	2 (1 standard, 1 remote display optional)
Display Bracket Options	Not available
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 UNITS: allows the scale to be easily changed from lb to kg
Units of Measure	lb or kg
Incremental Selections	Multiples and sub-multiples of 1, 2, 5
Configurable Selections	Capacity, resolution, filters, baud rates, protocols, auto printout, scale or post classifier <i>Default configuration is as postal weight classifier</i>
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 an aluminum NTEP approved analog load cell	
Feet	Lockable adjustable feet, 1" diameter with up to 1" of height adjustment	
Base Capacity	Capacity (lb) 200 lb x 0.05 lb	Capacity (kg) 100 kg x 0.02 kg
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 <i>Gravity compensation to allow the local gravity to be entered for where the scale is to be used</i>	
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

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

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