

Ideal for busy, demanding parcel and shipping applications

Technical Specification



Model 7815 shown with six-digit LCD internal display



Model 7815R shown with standard 7" remote only

DESCRIPTION

The 7815 and the 7815R (Remote) offer a durable 12" x 14" Bench Scale that is ideal for use within busy post mail and shipping environments.

This fast, accurate weighing platform can be used as a stand-alone scale or interfaced to shipping manifest software or receiving stations.

Designed with a hard wearing ABS weight platter and a rugged aluminum die cast housing that helps to protect a centrally mounted aluminum analog load cell from damage.

The 7815 can be supplied with a built-in, flush-fitting, six digit ½" high LCD display that is mounted to the left in the front face of the base.

The 7815R offers the ability to remotely mount the display away from the base.

The 7815 can also use a second remote display which can be plugged in to the rear of the base to give a customer facing weight reading (7815R has no 2nd remote display).

A range of emulation protocols is 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 a serial RS232 port found on the rear of the base.

SPECIFICATIONS

COMMUNICATION

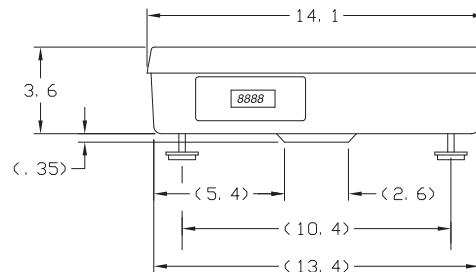
Connectivity 1x RS232 (9 way female D Type connector)
1x 2nd Remote display connection (RJ 45) *All are positioned on the rear of the base*

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.*

7815 PARCEL SHIPPING SCALE *Technical Specification*

DISPLAY

| | |
|-------------------------------------|---|
| Display Type | 7815: Flush fitting six digit, ½" high LCD display 7815R: Remote six digit, ½" high digit LCD display housed in an extruded enclosure with a 7 foot cable Optional 2nd remote (for the 7815 only) 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 scales base |
| Number of Displays Allowed | 7815: 2 (1 standard, 1 remote display optional) 7815R: 1 remote display |
| 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, lb, 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 | Standard: Black ABS weight platter Stainless steel weight platter 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 |
| Feet | Lockable adjustable feet, 1" diameter with up to 1" of height adjustment |
| Base Capacity | Capacity (lb) 150 lb x 0.1 lb 150 lb x 0.05 lb (Non approved) <i>*Custom configuration; metric weighing can be configured in the field during calibration</i> |
| 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

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|--------------------------------|--|
| 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 00-96 |
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