

Model 7820B

Portable Bench Scale



- **Battery Operated**– Rechargeable sealed lead-acid battery installed with each unit
- **Weight Hold**– Two weight hold operating modes available
- **Backlit Display**– 6-digit backlight display with 3 operating modes available for battery life conservation
- **Rugged Construction**– Die-cast base and loadbridge, stainless steel shroud
- **Portable**– Carrying handle makes it easy to move from one location to another

Model 7820B Portable Bench Scale

Features

Construction– Stainless steel weight platter, die cast aluminum base and loadbridge, aluminum handle

Remote Display– 6-digit backlit display housed in an extruded enclosure with a 1.5" cable assembly with RJ45 connector. Includes 6" magnetic strip.

Remote Display Enunciators–

Zero- Indicates the scale is at zero weight

Hold- Indicates the weight hold feature is active

AC Power- Indicates AC Power is connected to the scale and charging the battery

Remote Display Controls–

Zero Key- Includes 2% Auto Zero tracking or manual push button to reestablish zero reference. Turns the scale OFF, when operated via battery.

Hold Key– Enables or disables weight hold feature. Enters into backlit and weight hold setting configuration.

Weight Hold Settings–

Single- Allows you to hold the parcel weight on the display for one parcel

Auto- Allows you to hold the parcel weight on the display for unlimited parcels

Sealed- Some states may not accept weight hold in NTEP approved applications. The sealed mode disables the weight feature.

Backlit Settings–

Auto- Back light turns off after 5 seconds of non use

On- Back light is always on

Off- Back light is always off

Battery Conservation–

Sleep- After 5 minutes of non-use the scale will enter into sleep mode. Pressing the zero key will re-activate the scale.

Auto Shutdown- After 1 hour of non use the scale will shutdown. Pressing the restart button will re-start the scale.

Restart Button– While in battery operation mode, the restart button (located on the rear of the scale) turns on the scale

Hard Wired Battery Cable– Battery cable is hard wired to main PCB, no external connections

Battery Life–

Stored, no use - 14 days

Back light Off - 40 hours

Back light On - 12 hours

Back light Auto - 24 hours

Re-charge time - 8 hours

Re-charge cycles - 400 minimum

RS-232 Interface– 9-pin using Standard NCI protocol

Field Calibration– Alternate span points, 10 or 50 lb, can simplify field calibration. Can be set up either in decimal pound or kilogram.

Specifications

Capacity (lb)

200 x 0.05 lb

Capacity (kg)

100 x 0.02 kg**

Note: Rounding method is scale

** Metric Weighing can be configured in the field during calibration

Internal Resolution– 1 part in 120,000

Dimensions–

12" x 19.5" x 4.6" (318 mm x 495 mm x 117 mm) standard configuration

12" x 14" x 4.1" (318 mm x 358 mm x 104 mm), no handle

AC Power– Inline Transformer, UL/CSA Approved

Input: 120 VAC (+10%-15%), 60Hz standard 3-wire ground

Output: 14 VDC (min) @ 730 mA

DC - 12 VDC/1.3AH Sealed lead acid battery

Operating Environment–

Temperature: 42° F to 104° F (5° C to 40° C)

Relative Humidity: 10 to 95% (non-condensing)

Input/Output–

RS-232, bi-directional, configurable 1200-19.2K. Transmits weight and scale status whenever a "W" <CR> is sent by remote device.

Scale Weight–16 lb, standard configuration

Shipping Weight– 24 lb, standard configuration

Approvals– NTEP Class III, 4,000d CC #95-070

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