

Rice Lake 260-10-1 Digital Handrail Scale

Height Rod Accessory

The optional height rod (PN 172958) can be attached to the *Rice Lake 260-10-1 Digital Handrail Scale* and the combination provides a single, convenient multipurpose station for obtaining the height and weight of individual people.

Unpacking the Height Rod

Parts contained in the shipping box include:

- A** - Height rod with attached bracket
- B** - Bracket insert
- C** - Two screw knobs

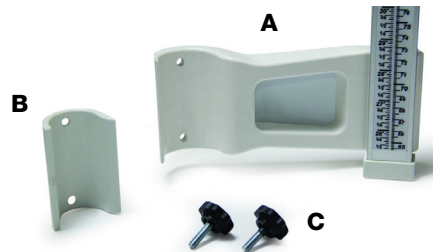


Figure 1. Height Rod Parts

After unpacking, visually inspect the height rod to ensure all components are included and undamaged. Contact Rice Lake Weighing Systems and the shipper immediately if the height rod was damaged during shipping.

Assembling the Height Rod

The height rod must be attached to the *Rice Lake 260-10-1 Digital Handrail Scale* handrail center post using the following steps.

1. Place the bracket insert into the bracket. The bracket insert is slightly more flared on one side and this must be placed toward the height rod. If the bracket insert is placed incorrectly, there will be a gap between the bracket insert and the outside edge of the bracket. When placed correctly, the outside edges of the bracket and the bracket insert will fit snugly and be flush.



Figure 2. Bracket Insert Placement

2. Insert the screw knobs through the holes in the bracket and the bracket insert.
3. Working from the back of the scale, hold the height rod and hold the bracket insert and screw knobs in place. While facing the handrail center post, tilt the top edge of the height rod down and insert it between the handrail and the left side of the handrail center post. Tilt the top edge of the height rod up until the rod is vertical.
4. Position the bracket and the screw knobs to line up with the holes in the back of the handrail center post.
5. Tighten the screw knobs until the bracket is rigid and does not move.



Figure 3. Secure Height Rod Assembly

Verify the Height Rod

Verify the accuracy of the height rod by measuring an object of known height and adjust, if necessary, using the following steps.

1. Hold the outer sleeve of the height rod to prevent it from dropping down when the screws are loosened. Loosen the two large screws directly behind the outer sleeve. Do not remove the screws.
2. Carefully move the outer sleeve of the height rod up or down until it accurately measures the known height.
3. Tighten the two large screws (finger tight only). Do not over tighten. Do not use power tools.



Figure 4. Height Rod Adjustment

Using the Height Rod

The height rod can measure heights from 25.5 to 83 inches (65 to 211 cm). The inner rod of the height rod slides through the outer sleeve, raising and lowering the headpiece to easily accommodate people of different heights.

1. Raise the headpiece until it is perpendicular to the height rod and snaps into place.
2. Raise the inner rod of the height rod until the person can easily stand without touching the headpiece.
3. Have the person step on the scale and stand underneath the headpiece with their head level.
4. Lower the inner rod of the height rod until the headpiece just touches the top of the person's head.
5. For people shorter than 55 inches (139 cm) read the height measurement at the red line underneath the headpiece. For people taller than 55 inches (139 cm) read the height measurement at the red line on the outer sleeve of the height rod.

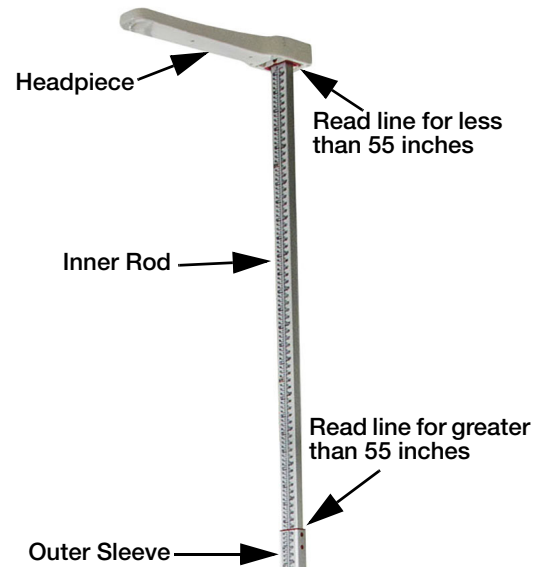


Figure 5. Height Rod Measurement Parts.



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