

Doran Model DS2100 Mechanical Scale

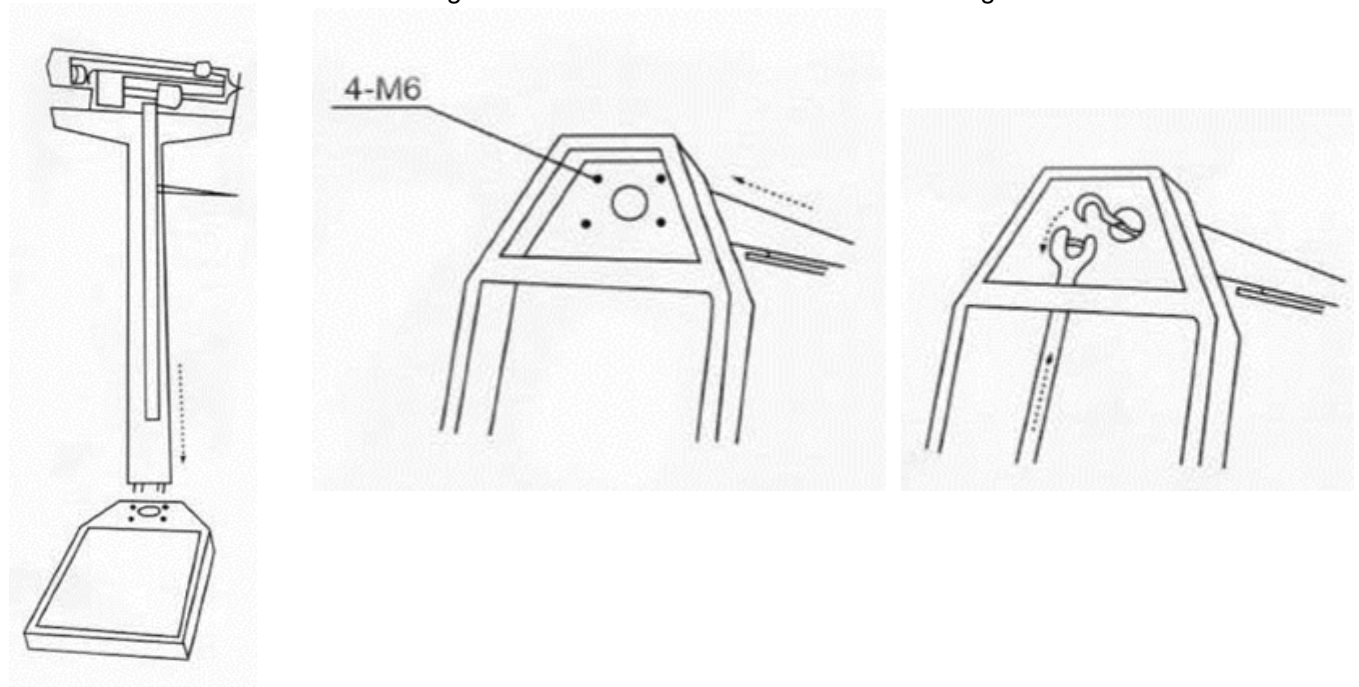
Assembly

1. Carefully remove the scale from the shipping carton. If you notice any shipping damage, notify the shipper immediately. Be sure to retain all shipping materials in case the scale must be shipped elsewhere.
2. Hold the column straight so that the draft rod enters the opening in the column bracket.
3. Align the holes in the base with those in the column bracket.
4. Screw the column to the base with four M6 screws.
5. Lay down the scale with the column horizontal to the floor.
6. Raise the draft rod in the column, keeping it out of the lever's way.
7. Push the lever towards the draft rod hook.
8. When the lever is in position, place the draft rod hook around the pivot.
9. Place the scale in an upright position
10. To balance the scale, move both poises to zero and adjust the balance screw on the left of the weighing beam until the scale balances.

NOTE: For accurate weighing, place the scale on a level, non plush carpeted floor.

Height Rod Installation

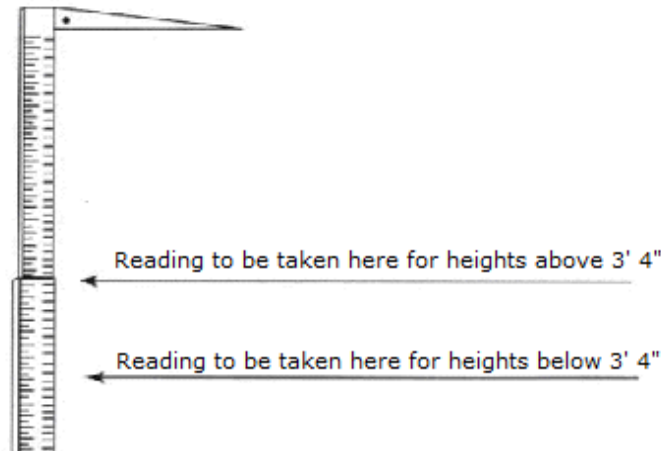
1. Insert the two hex head screws into the holes in the front of the column and tighten them with the supplied wrench.
2. Place both height rod brackets over the two pre-installed hex head screws and pull down.
3. Use the included wrench to tighten both hex head screws. Do NOT over tighten the screws.



Height Rod Operation

- Before a patient steps onto the scale platform, the height rod arm should be rotated to the horizontal position and raised well above their apparent height.
- The patient may now step onto the scale platform. The height rod arm should be held horizontal and above the patient's head.
- Carefully lower the height rod arm, while keeping it horizontal, until it rests gently upon the top of the patient's head. If the patient is shorter than 3' 4" (101.5 cm), push the latch to the right while simultaneously pushing down on the height rod arm until the height rod arm rests horizontally upon the top of the patient's head.
- Read the height as follows:

- Above 3' 4" the height is read at the top of the outer height rod (see "Read" arrow on the outer height rod.)
- Below 3' 4" the correct height is read at the point at the rear of the height rod arm
- While holding the height rod arm horizontally, raise the height rod arm above the patient's head. The patient may now step off the scale platform.
- Rotate the height rod arm back to the vertical position and adjust the height rod back to the rest position (i.e. the height rod arm should be locked in place within the inner height rod and the inner rod should be at its lowest position.)



Specifications

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| Capacity: | 450lb (204kg) |
| Resolution: | 1/4lb (100g) |
| Height Range: | 29 ½ - 78 ¾ in (75 – 200 cm) |
| Height Divisions: | ¼ in (5mm) |
| Platform Size: | 14 ¾ x 10 ¾ in (375 x 275mm) |
| Overall dimensions: | 20 ¾" L x 10 ¾" W x 58 ½" H (530 x 275 x 1485 mm) |
| Scale Weight: | 33lb (15kg) |

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