

Health o meter[®]

P r o f e s s i o n a l

201HR-400 Optional Height Rod for 400 Series



ISO13485:2003
CERTIFIED

USER INSTRUCTIONS

P/N UM201HR-400 REV20161213

Health o meter®

P r o f e s s i o n a l

Thank you for your purchase of this Health o meter® Professional scale. Please read this manual carefully and keep it for easy reference or training.

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Please register your product for warranty coverage at:

www.homscases.com

For User Instructions updates and revisions please go to:

www.homscases.com

CAUTIONS AND WARNINGS

To prevent injury and damage to your product, please follow these instructions very carefully.

- For accurate measurement, verify proper operation according to the procedure described in this manual before each use.
- Do not use in the presence of flammable materials.
- When not in use, fold headpiece into the down position.
- To prevent patient injury, the patient must be attended throughout the entire measuring event.

SPECIFICATIONS


GENERAL

The 201HR-400 has a large headpiece and features an indicator that allows for accurate measurement of a patient's height. Each 201HR-400 is designed to determine the height of a stationary patient. Height is displayed in centimeters (cm), inches (in), and feet/inches.

Height Range	201HR-400: Min : 2" / 6 cm Max : 90" / 230 cm
Environmental	Operating temperatures: 5°C to 40°C (41°F to 104°F) Storage temperatures: 0°C to 50°C (32°F to 122°F) Atmospheric Pressure: 500hPa to 1060hPa Maximum Humidity: 85% RH in use or in storage
Accuracy	201HR-400: +/- 1 mm (1/8")
Physical Dimensions	201HR-400: Width: 2 1/4" / 5.7 cm (3" / 7.6 cm including footpiece) Depth: 3/4" / 1.9 cm (1 3/4" / 4.4 cm including spacers) Height: 54" / 137 cm (92" / 230 cm with height rod fully extended) Headpiece Depth: 11" / 28 cm

CERTIFICATIONS / DISPOSAL / SERVICE

CERTIFICATION DESCRIPTIONS:

	<p>Pelstar, LLC has been officially certified as a manufacturer of Health o meter® Professional medical devices to be in compliance with stringent ISO requirements. The Pelstar, LLC quality assurance system covers the development, production, sales and service of medical scales and measuring systems.</p>
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201HR-400 DISPOSAL



This Health o meter® Professional product must be disposed of properly. Follow the national, regional or local regulations which apply to you for disposal of domestic waste.

SERVICE INFORMATION

The 201HR-400 is shipped disassembled. Carefully inspect the carton for shipping damage before unpacking. If damage is found, contact Customer Service immediately.

For further information or telephone support, please contact a Health o meter® Professional Customer Service representative at 1-800-815-6615.

ASSEMBLY INSTRUCTIONS

To avoid damaging the 201HR-400 when unpacking it, **do not use a box cutter, knife, scissors or any sharp object when opening the protective inner packaging.** If damage is found, contact your shipper or a Health o meter® Professional representative immediately. Claims must be filed with the shipper as soon as possible after receipt of the package. The following information details what you will find inside the carton as you unpack the parts for assembly. Set the carton aside for storage.

Carton

- (1) User instructions
- (1) Height rod (with attached headpiece)
- (1) Footpiece
- (1) Height rod mounting bracket - black

Small Clear Bag Containing:

- (2) Black footpiece caps
- (2) Plastic spacers
- (2) M5 x 0.08mm screws
- (3) #8-32 x 3/4" screws
- (2) 1/2" screws

Tools Required (not included)

8mm box wrench, Phillips head screwdriver (P2 head recommended), rubber mallet

ASSEMBLY INSTRUCTIONS (continued)

201HR-400 Height Rod Preparation

1. Obtain the footpiece from the carton and attach it to the bottom of the height rod by aligning the sides of the height rod with the slits in the footpiece.



2. Use a rubber mallet to completely insert the footpiece onto the height rod so that the ends are flush.



3. Insert the two 1/2" screws from the clear bag into the holes at the bottom of the height rod. Use a Phillips head screwdriver to tighten the screws securely.



4. Obtain the two black end caps from the clear bag. Attach them to the ends of the footpiece and use a rubber mallet to ensure they are completely inserted. Note: The front of the end cap should be flush with the front of the height rod.



ASSEMBLY INSTRUCTIONS (continued)

If your scale currently has a height rod, follow steps 1 and 2 to remove the rod. If the scale does not have a height rod, skip to step 3 below.

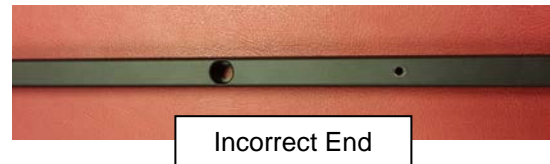
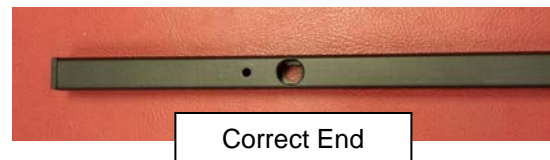
1. Use a 8mm box wrench to loosen the 2 screws that attach the rod to the scale pillar. Use only 1 or 2 turns to loosen the screws, do not completely remove the screws at this point. Lift the height rod up and off the screws.



2. Once the height rod is removed, use a Phillips head screwdriver to completely remove the screws from the pillar.



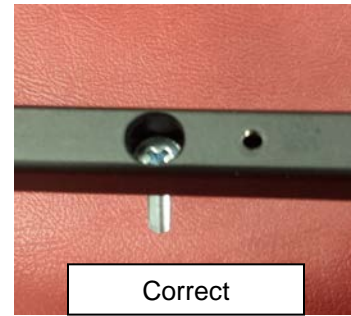
3. Obtain the black height rod mounting bracket from the carton. Align the mounting bracket with the holes at the bottom of the scale pillar. Use the end of the mounting bracket that has the holes closest together.



ASSEMBLY INSTRUCTIONS (continued)

4. Insert one M5 screw through the large hole in the mounting bracket.

Note: Ensure that the screw is inserted into the side of the mounting bracket with the larger diameter so that the screw is inserted completely through the mounting bracket.

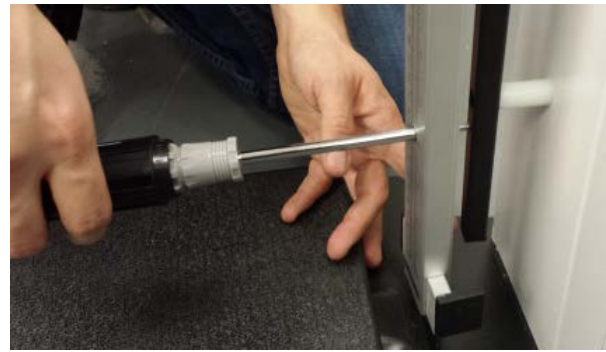


5. Insert the screw through the mounting bracket, then into a spacer and into the bottom hole in the pillar. Repeat the process with another M5 screw into the top large hole on the mounting bracket, into a spacer and then into the top hole on the pillar.



ASSEMBLY INSTRUCTIONS (continued)

6. Obtain the height rod from the carton and extend it fully. Insert one of the #8 screws into the bottom hole on the height rod then into the bottom hole on the black mounting bracket that is attached to the pillar. Do NOT fully tighten the screw at this point. Repeat the process with the two remaining #8 screws and insert them into the top and middle holes in the height rod then into the mounting bracket.



7. Once all 3 screws are inserted, fully tighten the screws starting with the bottom. Ensure that the screw extends completely through the mounting bracket as shown. Assembly is now complete. See the next page for usage instructions.



HEIGHT MEASUREMENT INSTRUCTIONS

1. With the headpiece in the folded down position, slide the headpiece up or down to the estimated height of the patient. For patients shorter than 53" / 134.5cm, press the black button at the top of the height rod to release the lock then slide the headpiece down. Then lift the headpiece into its horizontal position.



2. Position the patient with their back against the height rod and their heels touching the footpiece. Ensure that the patient's posture is upright, and that the patient's head is straight and level. Slide the headpiece down until it rests on the patient's head.



3. Determine the patient's height by reading the value at the read-off mark.

a. For heights above 53" / 134.5cm, read height at the blue line in the center of the height rod.

b. For heights below 53" / 134.5cm, read height at the blue line at the bottom of the headpiece.



Read here for heights greater than 134.5 cm



Read here for heights less than 134.5 cm

MAINTENANCE

The following provides instructions for maintenance and cleaning for the 201HR-400. Maintenance operations, other than those described in this manual, should be performed by qualified service personnel.

Caution: Before first use, or after long periods of non-use, check the product for any obvious damage or wear and tear along with proper operation and function. If the 201HR-400 does not operate correctly, refer to qualified service personnel.

Cleaning

Proper care and cleaning is essential to ensure a long life of accurate and effective operation.

1. Clean all external surfaces with a clean damp cloth or tissue. Mild antimicrobial or antibacterial soap and water solution may be used. Dry with a clean soft cloth. Do not use abrasive cleaners.
2. Do not use Isopropyl Alcohol or other solutions to clean the surface.

WARRANTY

What does the Warranty Cover?

This Health o meter® Professional product is warranted from date of purchase against defects of materials or in workmanship for a period of two (2) years. If product fails to function properly, return the product, freight prepaid and properly packed to Pelstar, LLC (see "To Get Warranty Service", below, for instructions). If the manufacturer determines that a defect of material or in workmanship exists, the customer's sole remedy will be replacement of the scale at no charge. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. All replaced parts are covered only for the original warranty period.

Who is Covered?

The original purchaser of the product must have proof of purchase to receive warranty service. Please save your invoice or receipt. Pelstar dealers or retail stores selling Pelstar products do not have the right to alter, or modify or in any way change the terms and conditions of this warranty.

What is Excluded?

Your warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, abuse including tampering, damage in transit, or unauthorized repair or alternations. Further, the warranty does not cover natural disasters, such as fire, flood, hurricanes and tornadoes. This warranty gives you specific legal rights, and you may also have other rights that vary from country to country, state to state, province to province or jurisdiction to jurisdiction.

To get Warranty Service make sure you keep your sales receipt or document showing proof of purchase. Call (+1) 800-638-3722 or (+1) 708-377-0600 to receive a return authorization (RA) number, which must be included on the return label. Attach your proof of purchase to your defective product along with your name, address, daytime telephone number and description of the problem. Carefully package the product and send with shipping and insurance prepaid to:

Pelstar, LLC

Attention R/A# _____

Return Department

9500 West 55th Street

McCook, IL 60525



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www.homscales.com

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