Health o meter®
Professional

Model 2500KL / 2500CKL / 2600KL
Digital Patient Wheelchair Scales

User Instructions

Health o meter® Professional

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

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Note: These scales have been factory calibrated, and do not require calibration prior to use.

Please register your scale for warranty coverage at:

www.homscales.com

For User Instructions updates and revisions, please go to:

www.homscales.com

CAUTION AND WARNING

To prevent patient/caregiver injury or damage to your scale, please follow the instructions in this user manual very carefully.

- Do not exceed the weight capacity specified for this scale.
- For accurate weighing, this scale must be placed on a flat, stable surface.
- For accurate weighing, verify before each use the proper operation according to the procedure described in this manual.
- Do not use in the presence of flammable or explosive materials.
- If the scale becomes damaged, it should not be operated until properly serviced.
- Do not transport the scale with a patient or object on the scale.
- To prevent injury and damage to your scale, do not drop or mishandle scale, while using or transporting scale.
- Ensure that the AC adapter and scale do not come in contact with liquids, excessive temperature, or excessive humidity.

Patient/caregiver safety

- This scale is designed for static weighing of patients only. No scale should be used for patient transfer.
- To prevent patient injury, the patient must be attended throughout the entire weighing event. Exercise caution when rolling patient onto and off of the scale.

When operating the scale with the AC adapter:

- Operate this scale exclusively with the AC adapter that is provided (ADPT30). Use of an unspecified adapter will void the warranty, and can pose a serious safety hazard.
- Prior to using this scale, inspect the AC adapter cord for cracking / fraying, or for broken / bent plug prongs.
- Prior to using this scale, ensure that the AC adapter is plugged into an outlet with the rated voltage appropriate for operation.
- Ensure that the AC adapter outlet is wired to a circuit breaker or other protected power source.
- Unplug the AC adapter, and carefully store both the adapter and adapter cord before moving the scale.
- Operating this scale at voltages and frequencies other than specified can damage the equipment and will void the warranty.

When operating the scale with batteries:

- For accurate weighing, if the "LO BAT" indicator activates, replace the batteries or switch to the AC adapter as soon as possible.
- When replacing / inserting batteries, be sure to use all new batteries.

This equipment has been tested and found to comply with the EMC limits for the Medical Device Directive 93/42/EEC (EN 55011 Class A and EN 60601-1-2). These limits are designed to provide reasonable protection against harmful interference in a typical medical installation. The equipment generates, uses and may radiate radio frequency energy and, if not installed and used in accordance with these instructions, may cause harmful interference to other devices in the vicinity. There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with other devices, which can be determined by turning the equipment off and on, the user is encouraged to try to eliminate the interference by one or more of the following measures:

- Reorient or relocate the receiving device.
- Increase the separation between the equipment.
- Connect the equipment into an outlet on a circuit different from that to which the other device(s) is connected.
- Consult Customer Service or a field service technician for help.

In no event shall Pelstar, LLC be liable for damages or injuries whatsoever arising out of or connected with the assembly, use, or misuse of its products.

SPECIFICATIONS

General

The 2500KL, 2500CKL, 2600KL scales use highly sophisticated microprocessor technology. Each precision scale is designed to provide accurate, reliable, and repeatable weight measurements. In addition, each scale is designed to provide the user with features that make the weighing process simple, fast, and convenient.

These scales are set up to use motion-sensing weighing technology in order to determine the actual weight of a moving patient.

Weight can be displayed in pounds (lb) or in kilograms (kg). These scales feature a 180° swivel display head for privacy and for easy operator reading from either side of the scale. For easy mobility, the 2500KL and 2500CKL scales have 2 built-in wheels; the 2600KL scale has 4 built-in wheels. **Each scale can be powered using an AC adapter (ADPT30 included), or by 6 - AA batteries (not included).**

2500KL / 2500CKL / 2600KL Specifications

Capacity and Resolution	**2500KL / 2600KL**: 1000 lb x 0.2 lb (454 kg x 0.1 kg)
	2500CKL Platform Capacity: 1000 lb x 0.2 lb (454 kg x 0.1 kg)
	2500CKL Seat Capacity: 419 lb / 190 kg
Power Requirements	120V-240V AC, 50-60Hz-9V DC adapter (ADPT30) or 6 - AA batteries
Environmental	Operating temperatures: 50°F to 95°F (10°C to 35°C)
	Storage temperatures: 30°F to 125°F (0°C to 50°C)
	Maximum Humidity: 85% RH
Physical Dimensions	**Platform-2500KL** Length: 28-¼" (71.8 cm) Width: 29-3/8" (74.6 cm) Height: 2-3/8" (6 cm)	**Assembled Size and Weight** Length: 34-¼" (87 cm) Width: 40-¼" (102 cm) Height: 45-1/2" (115.6 cm) Weight: 81 lb (37 kg)
Physical Dimensions	**Platform-2600KL** Length: 32-¼" (81.9 cm) Width: 36" (91.4 cm) Height: 2-1/2" (6.4 cm)	**Assembled Size and Weight** Length: 43-7/8 " (111.4 cm) Width: 48-1/8" (122.4 cm) Height: 49-7/16" (125.5 cm) Weight: 93 lb (42 kg)
Physical Dimensions	**Platform-2500CKL** Length: 28-¼" (71.8 cm) Width: 29-3/8" (74.6 cm) Height: 2-3/8" (6 cm)	**2500CKL Seat Size:** Width: 18" (45.72 cm) Depth: 15" (38.1 cm) Height: 18 ½" (46.99 cm)

CERTIFICATIONS / CONNECTIVITY / DISPOSAL

Certification Descriptions

ISO13485:2003 CERTIFIED	Pelstar, LLC has been officially certified as the manufacturer of Health o meter® Professional medical devices. The Pelstar, LLC quality assurance system covers the development, production, sales and service of medical scales and measuring systems.
(MET)® c us	This product is tested to and meets the requirements of: 1. UL60601-1 First Edition: Safety for Medical Electrical Equipment 2. CSA C22.2 No. 601-1 M90: Medical Electrical Equipment Note: the 2500CKL does not have cMET certification.

2500KL / 2500CKL / 2600KL Scale Connectivity Information

To enable reliable transmission of weight, height, and Body Mass Index (BMI) data, these scales are designed to connect to a computer, monitor, or other electronic device via a built-in USB port. This connectivity helps minimize a source of potential medical errors caused by incorrectly copying and then recording patient data.

These scales are EMR-EHR compatible. For more information regarding how to connect these scales to other electronic devices, please contact Health o meter® Professional Scales Technical Support, available during normal business hours at 1-800-638-3722.

2500KL / 2500CKL / 2600KL Scale Disposal

These Health o meter® Professional scales must be disposed of properly as electronic waste. Follow the national, regional or local regulations which apply to you for disposal of electronic waste or batteries. Do not dispose of this device in the domestic waste stream.

2500KL/2500CKL ASSEMBLY INSTRUCTIONS

Before Assembly

Each 2500KL/2500CKL scale is shipped disassembled in a single carton. Carefully inspect the carton for shipping damage before unpacking. If damage is found, contact your shipper or a Health o meter® Professional representative immediately at 1-800-815-6615. 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 main carton as you unpack the parts for assembly.

To prevent scratching any components, carefully remove each assembly from the carton and unwrap the packing materials. **Set the carton aside for storage**. To avoid damaging the scale parts when unpacking, do not use a box cutter, knife, scissors, or any sharp object to open the protective inner packaging.

Parts List

(1) Scale platform
(1) Handrail
(1) Small brown box
The small brown box contains:
- (1) Box containing the AC adapter
- (4) Feet
- (1) Long white box
- (1) 5mm Allen wrench
- (1) User Information
- (1) Display assembly
- (1) Plastic bag containing:
  - (2) Covers for Display Support (Front & Back)
  - Hardware for assembly (see Figure 1)

The long white box contains:
- (1) AC adapter holder
- (2) Pivot bracket screw covers

Tools Required

Phillips head screwdriver (not included), Allen wrench (included).

Assembling the 2500KL/2500CKL Scale (Refer to Figures 1-7)

Caution: It is recommended that the assembly be performed by two persons.

1. Place scale platform on a flat, level, and dry surface.

2. Locate and pick up the handrail. Find the load cell cable, located at the bottom of the handrail.

3. Untie the load cell cable, and carefully pull the load cell cable end out the handrail bottom.

4. Position the handrail over the left and right handrail mounting holes array on the platform (see Figure 3).

5. Feed the cable through the large center hole of the handrail mounting holes (located on the right side of the "Health o meter" logo). Be sure not to pinch the cable.

6. Fasten the handrail to the platform using the (8) M8 1.25 x ¾ screws (A), (8) M8 washers (D) and the included 5mm Allen wrench (see Figure 1).

Caution: Do not over-tighten the screws.

7. Pull forward on the handrail to tip the scale over, and gently place it face down on the floor.

Caution: Take care to hold the ramp down when moving the scale - the ramp can flip open when the scale is tipped forward.

8. Grasp the load cell cable protruding from the bottom of the platform and feed it through the protective metal shield. Plug the cable's load cell connector into the load cell port (see Figure 4).

9. Pull the excess cable through the top of the handrail.

10. Thread the (4) feet into the underside of the platform. Each of the feet should be completely hand tightened. Back feet out 1-½ full turns. This will allow for proper load cell operation and scale accuracy (see Figure 5).

11. Carefully tilt the scale back to an upright position on the floor.

Caution: Take care to hold the ramp down when moving the scale - the ramp can flip open when the scale is tipped back.

Warning: Do not drop the scale on its feet. This can result in permanent load cell damage.

12. Adjust the feet to level the scale. Be certain that the feet are not completely tightened into the base assembly (refer to the scale platform - feet assembly instruction above).

*** If you are assembling this scale as a 2500CKL (with seat attachment option) stop here and for the remaining instructions see the CHAIRACC manual included in the seat assembly carton.

13. Rotate the display support so that it is perpendicular to the handrail (see Figure 6). Position the display assembly close to the display support. Plug the load cell cable connector into the load cell port on the rear of the display assembly. The port is labeled "LOAD CELL" (see Figure 7). **Note:** Do not attach the AC adapter power cord into the back of the display assembly at this point.

2500KL/2500CKL ASSEMBLY INSTRUCTIONS (CONTINUED)

14. Align the four mounting holes on the back of the display assembly with the four mounting holes in the display support. Fasten the display assembly onto the metal display support. Use the (4) Phillips pan head #5 x 3/8" screws (C) (see Figure 1).

15. Place the pivot bracket screw covers over the pivot screws. Fasten the covers to the back of the display assembly using the (4) Phillips pan head #5 x 3/8" screws (C) (see Figure 1).

16. Attach the adapter holder to the left side of the handrail using the (2) #8 x ½" sheet metal screws (B) (see Figure 1).

17. Connect the AC adapter to the power port, located on the back of the display assembly.

Caution: Do not plug the scale into a power source until the scale is fully assembled.

18. Rotate the display to align it parallel to the handrail. Attach the front and rear display support covers by applying light pressure while snapping the covers into place.

19. The scale is now assembled. Plug the AC adapter into a power source and / or insert the batteries.

Ramp Assembly Instructions

1. Follow these instructions for moving the ramp to the opposite side of the scale, or for adding a second ramp to the scale (B2500RAMP option):

2. On the side of the platform opposite to the ramp, remove the guardrail mounted to the end of the platform by unscrewing and then removing the 4 guardrail assembly screws (see Figure 3).

3. Fold the ramp onto the platform surface.

4. Remove the screws attaching the 2 rubber bumpers, located on the side of the platform (see Figure 2).

5. Remove the bumpers, and re-install them on the opposite side of the platform. Use the appropriate mounting holes (see Figure 2).

6. Loosen the screws holding each ramp holder to the platform.

7. Remove the ramp from the ramp holders. Remove the ramp holders by pulling out on them slightly.

8. Install the ramp holders at the opposite side of the platform, but do not tighten the screws.

9. Insert the ramp between the ramp holders, and tighten the assembly screws.

10. Install the guardrail on the opposite side of the platform.

Note: It is necessary to make small clearance holes in the mat in order to re-install the guardrail assembly screws (the mounting holes are located beneath the mat). Use an awl or small Phillips screwdriver to make the holes. Use the guardrail as a guide to locate the two holes beneath the mat.

Note: A second ramp is available separately as B2500RAMP.

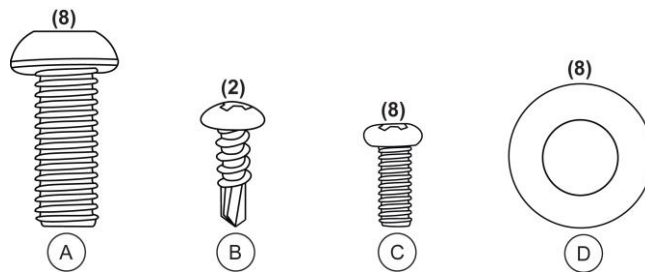# 2500KL/2500CKL ASSEMBLY INSTRUCTIONS (CONTINUED)
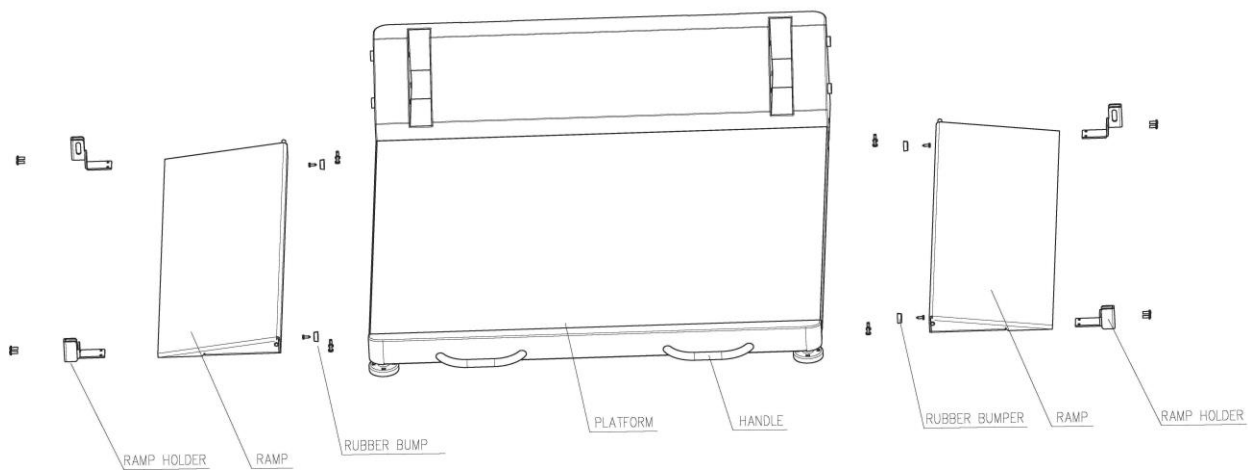
(8)

(2)

(8)

(8)

A   B   C   D

Figure 1

RAMP HOLDER   RAMP   RUBBER BUMP   PLATFORM   HANDLE   RUBBER BUMPER   RAMP   RAMP HOLDER

Figure 2

Handrail Mounting Holes
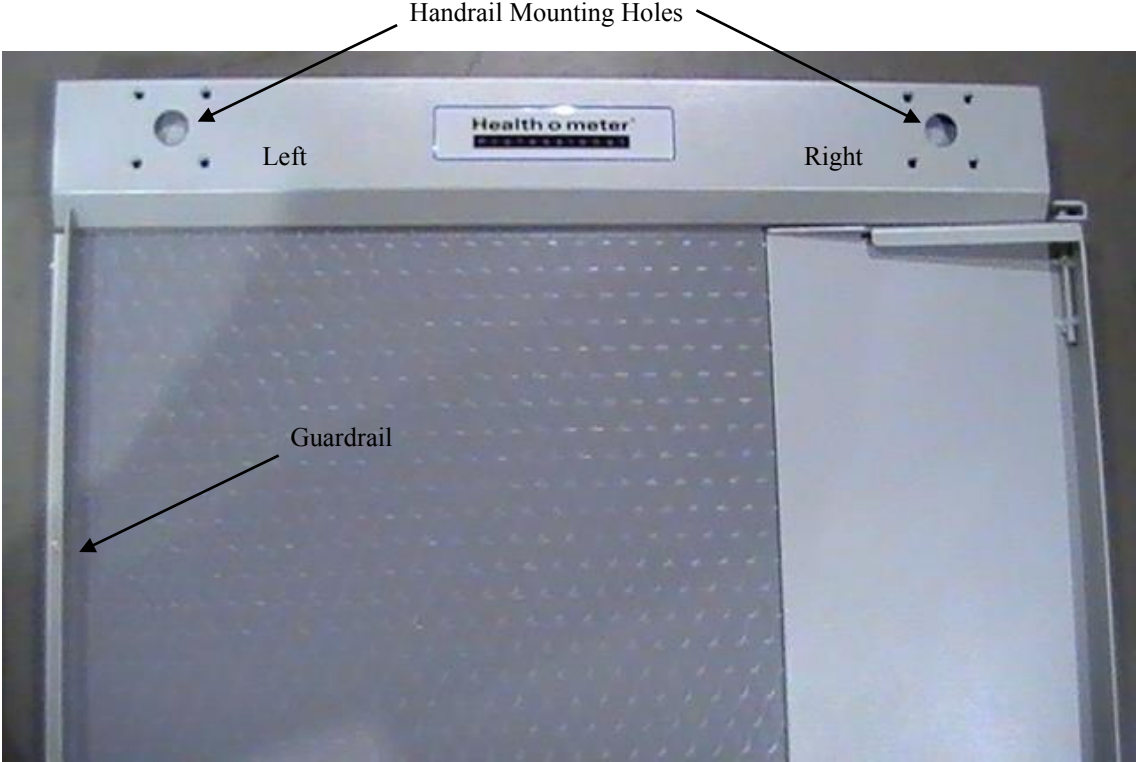
Left

Right

Guardrail

Figure 3

Load Cell Port

Shield
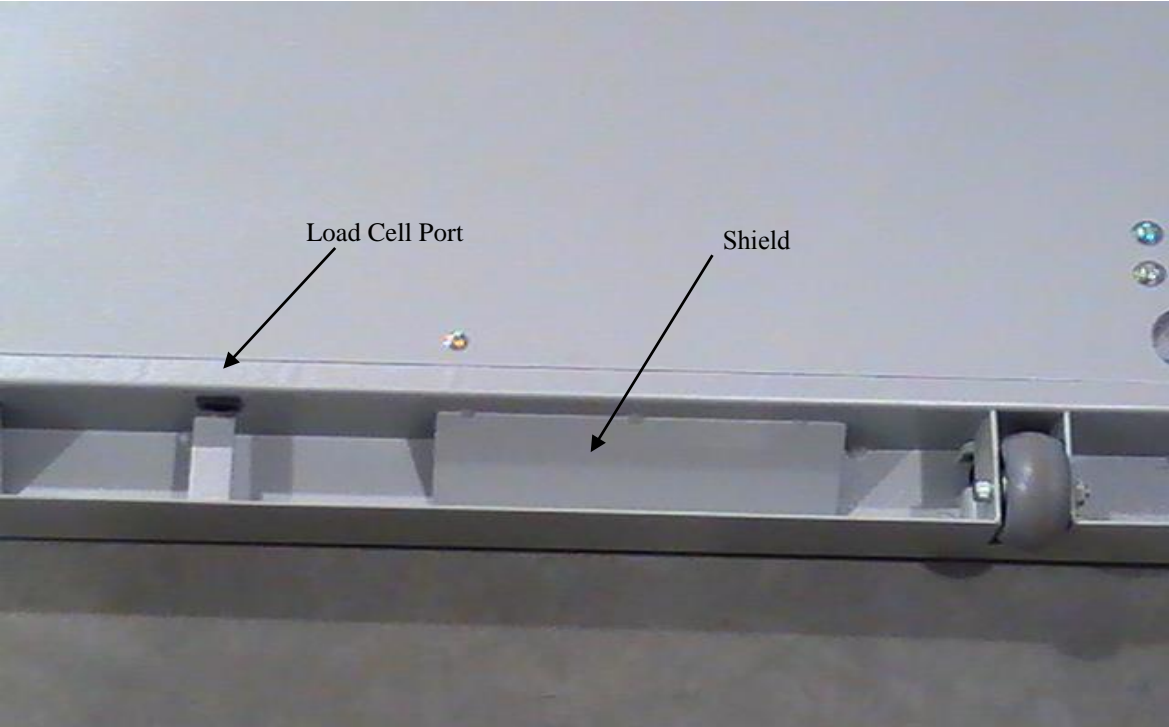
Figure 4

2500KL/2500CKL ASSEMBLY INSTRUCTIONS (CONTINUED)

RIGHT PIVOT BRACKET SCREW COVER

DISPLAY ASSEMBLY

LEFT PIVOT BRACKET SCREW COVER

FRONT & BACK DISPLAY SUPPORT COVER

Handrail

AC Adapter Holder

AC Adapter

Scale Platform

Feet

Figure 5

DISPLAY ASSEMBLY

RIGHT PIVOT BRACKET SCREW COVER

SCREW

DISPLAY SUPPORT

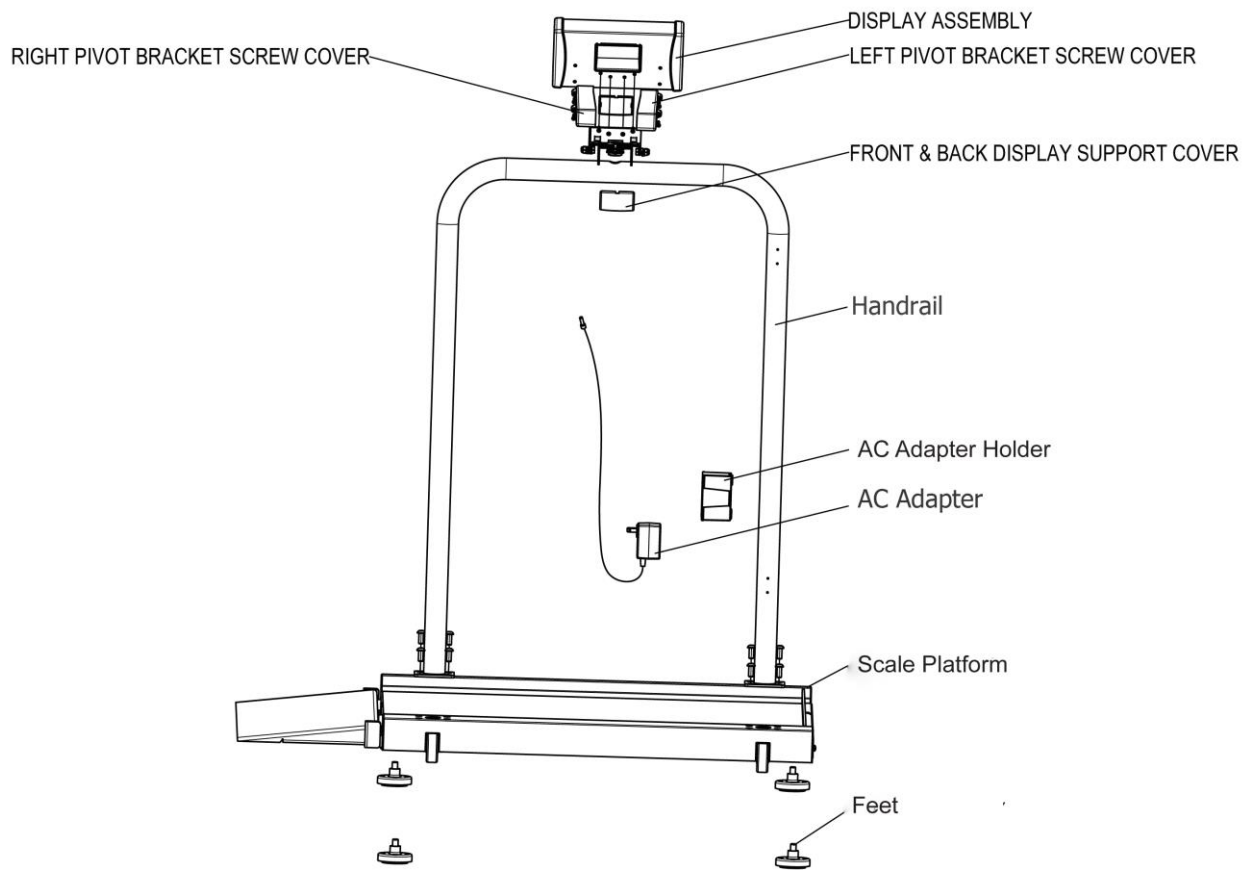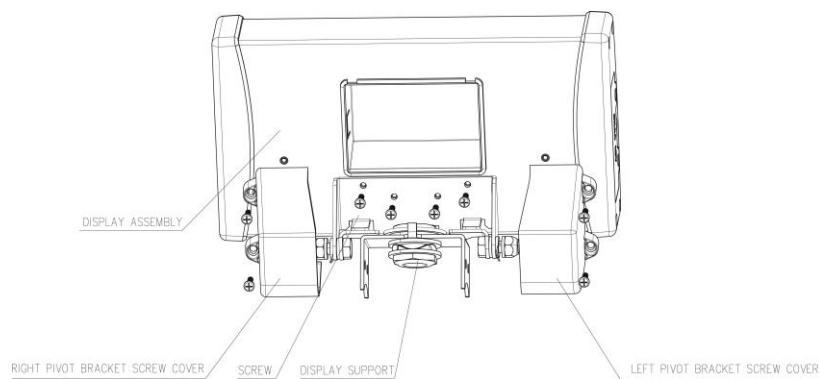LEFT PIVOT BRACKET SCREW COVER

Figure 6

2500KL/2500CKL ASSEMBLY INSTRUCTIONS (CONTINUED)

Rear of Display Head on 2500KL, 2500CKL and 2600KL

Figure 7

2600KL ASSEMBLY INSTRUCTIONS

Before Assembly

Each 2600KL scale is shipped disassembled in a single carton. Carefully inspect the carton for shipping damage before unpacking. If damage is found, contact your shipper or a Health o meter® Professional representative immediately at 1-800-815-6615. 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 main carton as you unpack the parts for assembly.

To prevent scratching any components, carefully remove each assembly from the carton and unwrap the packing materials. **Set the carton aside for storage.** To avoid damaging the scale parts when unpacking, do not use a box cutter, knife, scissors, or any sharp object to open the protective inner packaging.

Parts List

(1) Scale platform
(1) Small brown box
The small brown box contains:
- (1) Box containing the AC adapter
- (4) Feet
- (1) Long white box
- (1) User Information
- (1) Display assembly
- (1) Plastic bag containing:
    - (2) Covers for Display Support (Front & Back)
    - Hardware for assembly (see Figure 1 on Page 10)

The long white box contains:
- (1) AC adapter holder
- (2) Pivot bracket screw covers

Tools Required

Phillips head screwdriver (not included).

Assembling the 2600KL Scale (Refer to Figures 7-10)

Caution: It is recommended that the assembly be performed by two persons.

1. Remove the scale assembly from the carton by first removing the inserts, then tucking the bag down around the end of the box, and finally tilting the carton up on its end. Carefully roll the scale out of the carton.

2. Remove the bag from around the scale, and safely store or discard the bag.

3. Thread the (4) feet into the underside of the scale platform (see Figure 8). Each foot should initially be completely hand tightened. Back feet out 1-½ full turns. This will allow for proper load cell operation and scale accuracy.

4. Open the scale to its operational position.

Warning: Do not drop the scale on its feet. This can result in permanent load cell damage.

5. Rotate the display support so that it is perpendicular to the handrail.

6. Position the display assembly close to the display support on the handrail. Connect the load cell cable connector to the load cell port, located on the back of the display assembly. The port is labeled "LOAD CELL" (see Figure 7).

Note: Do not attach the AC adapter power cord into the back of the display assembly at this point.

7. Align the four mounting holes on the back of the display assembly with the four mounting holes in the display support, and fasten the display assembly onto the metal display support using the (4) Phillips pan head #5 x 3/8" screws (C) (see Figures 1 and 9).

8. Place the pivot bracket screw covers over the pivot screws, and fasten the covers to the back of the display assembly using the (4) Phillips pan head #5 x 3/8" screws (C) (See Figures 1 and 9).

9. Attach the adapter holder to the left side of the handrail using the (2) #8 x ½" sheet metal screws (B) (see Figure 1).

10. Connect the AC adapter to the power port, located on the back of the display assembly.

Caution: Do not plug the scale into a power source until the scale is fully assembled.

11. Rotate the display assembly to align it parallel to the handrail, and then attach the front and rear display support covers by applying light pressure while snapping the covers into place.

12. Make any necessary adjustments to level the scale by turning the feet in or out.

13. The scale is now assembled. Plug the AC adapter into a power source and / or insert the batteries.

Ramp Assembly Instructions

1. Follow these instructions for moving the ramp to the opposite side of the scale, or for adding a second ramp to the scale (B2600RAMP option):

2. On the side of the platform opposite to the ramp, remove the guardrail mounted to the end of the platform by unscrewing and then removing the 4 guardrail assembly screws (see Figure 3).

3. Fold the ramp onto the platform surface.

4. Remove the screws attaching the 2 rubber bumpers, located on the side of the platform (see Figure 10).

5. Remove the bumpers, and re-install them on the opposite side of the platform. Use the appropriate mounting holes (see Figure 10).

6. Loosen the screws holding each ramp holder to the platform.

7. Remove the ramp from the ramp holders. Remove the ramp holders by pulling out on them slightly.

8. Install the ramp holders at the opposite side of the platform, but do not tighten the screws.

9. Insert the ramp between the ramp holders, and tighten the assembly screws.

10. Install the guardrail on the opposite side of the platform.

Note: It is necessary to make small clearance holes in the mat in order to re-install the guardrail assembly screws (the mounting holes are located beneath the mat). Use an awl or small Phillips screwdriver to make the holes. Use the guardrail as a guide to locate the two holes beneath the mat.

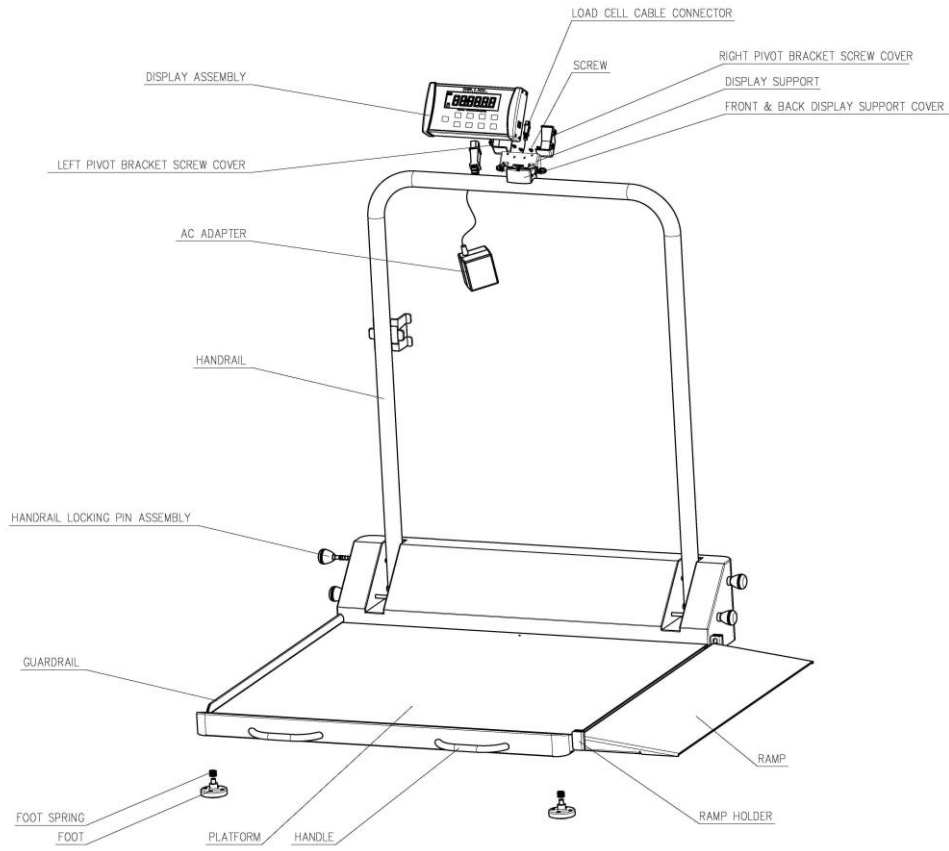**Note:** A second ramp is available separately as B2600RAMP.

LOAD CELL CABLE CONNECTOR

SCREW

RIGHT PIVOT BRACKET SCREW COVER

DISPLAY SUPPORT

FRONT & BACK DISPLAY SUPPORT COVER

DISPLAY ASSEMBLY

LEFT PIVOT BRACKET SCREW COVER

AC ADAPTER

HANDRAIL

HANDRAIL LOCKING PIN ASSEMBLY

GUARDRAIL

RAMP

FOOT SPRING

FOOT

PLATFORM

HANDLE

RAMP HOLDER

Figure 8

DISPLAY ASSEMBLY

RIGHT PIVOT BRACKET SCREW COVER

SCREW

DISPLAY SUPPORT

LEFT PIVOT BRACKET SCREW COVER

Figure 9

17

RAMP HOLDER   RAMP   RUBBER BUMP   PLATFORM   HANDLE   RUBBER BUMPER   RAMP   RAMP HOLDER
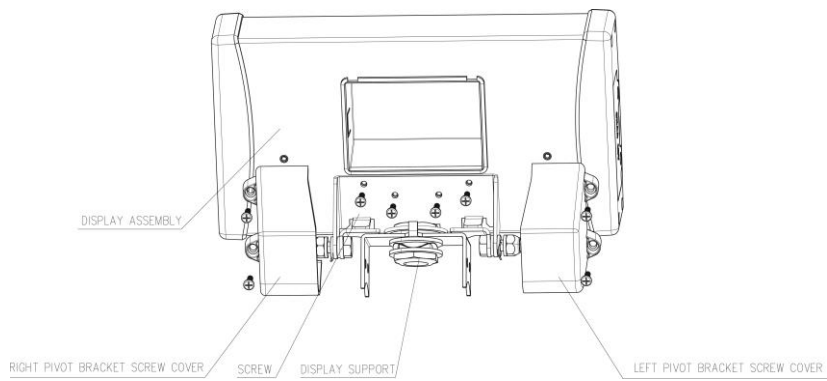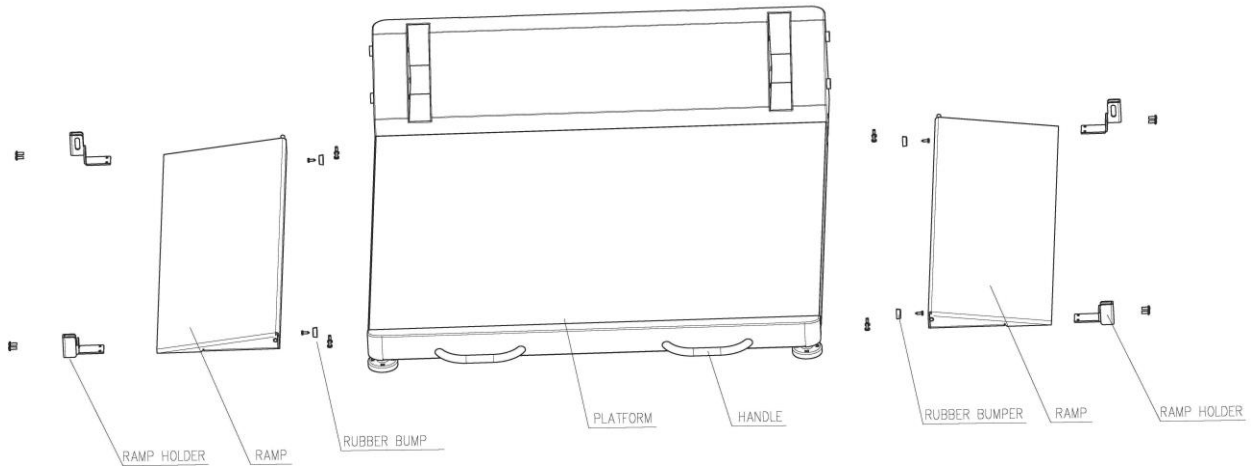
Figure 10

SETUP / BATTERIES

Powering the Scale

1. Plug the AC adapter into the power adapter jack (the jack is located on the rear of the display head), then plug the scale's AC adapter into the power source.

Warning: To avoid a safety hazard, do not use an unspecified AC adapter. Only use the Health o meter® Professional AC adapter model ADPT30 designed for this scale.
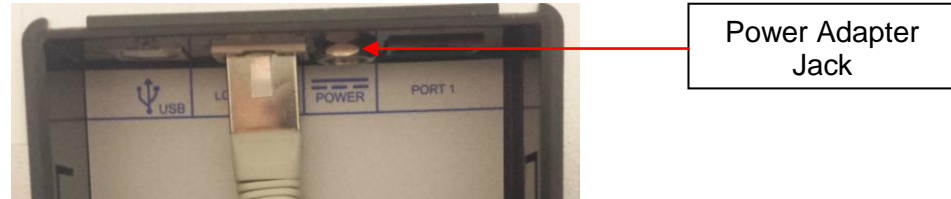

Power Adapter Jack

Figure 11

2. For battery operation, see Battery Installation below.

Battery Installation

1. If connected, unplug the AC adapter from the power source.
2. Use a Phillips head screwdriver to remove the battery cover on the side of the display head by unscrewing the (2) battery cover screws.
3. Replace or install fresh batteries, making sure to install them in the proper direction. Health o meter Professional recommends using an alkaline or lithium battery, rated for 130°F (54°C) operation. Do not use Zinc-Carbon batteries.
4. Re-attach the battery cover to the display head.

Warning: If the scale will not be used for some time, remove the batteries to avoid a safety hazard. Disposal of batteries must be performed in accordance with the prevailing national, regional or local regulations that apply to you.
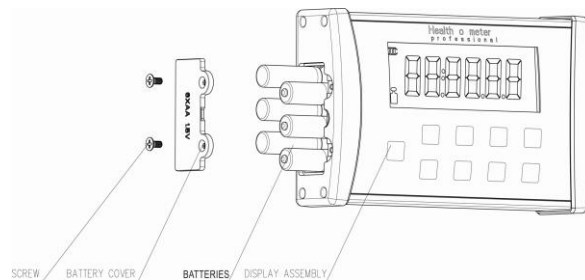

Figure 12

Keypad

Figure 13

Function	Description
ON/OFF	Turns scale on and off.
ZERO	Zeroes the scale prior to a weighing.
HOLD/RELEASE ►	Holds the weight value of the patient on the display until the button is pressed again to clear the value. Also moves the cursor from left to right on the display for entering height and pretare value.
BMI	Prompts entry of height data to calculate patient's Body Mass Index (BMI).
RECALL	Recalls the previous weight.
TARE/PRETARE	TARE-Tares out weight of an object on the platform. PRETARE-Prompts entry of a tare value that will be deducted from the weight on the platform. Also releases tare weight (returns display to zero).
UNIT/▲	Toggles between pounds and kilograms. Also used to increment height value and pretare value.
REWEIGH	Allows repeated weighing of the patient without stepping off the scale.
ENTER	Used to accept height value in BMI mode, and tare value in PRETARE mode. Also releases the recall value and BMI value.

OPERATING INSTRUCTIONS (CONT)

Unit of Measure Configuration
The **UNIT** button allows the user to toggle the weight measuring unit between LB and KG. The display can be locked to only measure in LB or KG by following these procedures.

KG Lock Instructions
1. Turn the scale on and wait for "0.0" to appear on the display.
2. Press the **UNIT** button and set the unit of measure to "0.0 KG". Press and hold the **UNIT** button for approximately 30 seconds. When the display beeps and "KG" begins to flash on the display, release the **UNIT** button. The **UNIT** button is now disabled, and the scale is now locked in "KG" mode.
3. To disable KG lock, press and hold the **UNIT** button for approximately 30 seconds until "KG" begins to flash on the display, release the **UNIT** button. The **UNIT** button is now active and weight measuring unit can toggle between KG and LB.

LB Lock Instructions
1. Turn the scale on and wait for "0.0" to appear on the display.
2. Press the **UNIT** button and set the unit of measure to "0.0 LB". Press and hold the **UNIT** button for approximately 30 seconds. When the display beeps and "LB" begins to flash on the display, release the **UNIT** button. The **UNIT** button is now disabled, and the scale is now locked in "LB" mode.
3. To disable LB lock, press and hold the **UNIT** button for approximately 30 seconds until "LB" begins to flash on the display, release the **UNIT** button. The **UNIT** button is now active and weight measuring unit can toggle between KG and LB.

Tare Function
When using this scale, the weight of an object, such as a wheelchair or portable oxygen tank, can be subtracted from the total weight in order to determine the weight of the patient alone. The Tare Function automatically performs this subtraction. The scale allows a tared weight to be entered manually by using the keypad, or automatically, as outlined in this section.

Tare
1. With all weight off the scale, press the **ON/OFF** button to turn on the scale.
2. Wait until the "0.0" LB or "0.0" KG appears on the display.
3. Place the object to be tared on the scale. The display will show the object's weight.
4. Press the **TARE** button. The scale will zero out, and the word "TARE" will appear at the bottom center of the display, indicating that there is a tare value for the object.
5. Remove the object from the scale. Once the object is removed from the scale, the display will show a negative weight, equal to the weight of the object.
6. Place the patient and the object back on the scale. The scale will automatically deduct the tare weight of the object from the gross weight of the patient and object together.
7. The display will show the patient's weight.
8. With no weight on the scale, the tare value will remain on the display until changed, cleared, or until the scale is powered off.
9. To remove the Tare, press the **TARE** button. The word "TARE" will disappear from the bottom of the display, and the tare value will be cleared from the display. The scale will resume normal operation.

To Tare with a Known Weight / Pre-Tare (Limit 200 lb / 91kg)
1. Make sure that there is nothing on the scale.
2. Press the **ON/OFF** button to turn on the scale.
3. Wait until the "0.0" LB or "0.0" KG appears on the display.

4. Press the **TARE** button for 3 to 5 seconds. The word "TARE" will appear at the bottom center of the display, prompting the user to enter the tare value.
5. Use the keypad ► and ▲ buttons to enter the weight of the object. Press the **ENTER** button when finished.
6. The value entered will show as a negative value on the display.
7. Place the patient and the object on the scale. The scale will automatically deduct the tare weight entered from the gross weight of the patient and the object.
8. The display will show the patient's weight.
9. With no weight on the scale, the tare value will remain on the display until changed, cleared, or until the scale is powered off.
10. To remove the Tare, press the **TARE** button again. The word "TARE" will disappear from the display and the tare value will be cleared from the display. The scale will resume normal operation.

Weighing a Patient
1. Make sure there is nothing on the weighing platform.
2. Press the **ON/OFF** button to turn on the scale.
3. Wait until the "0.0" LB or "0.0" KG appears on the display.
4. Tare out the weight of the wheelchair, and roll the patient in the wheelchair onto the scale. The scale will begin to display the patient's weight and will lock on the patient's weight when completed. Depending on the movement of the patient on the scale, it may take several seconds for the scale to lock onto the weight.
5. The weight may be held on the display by pressing the **HOLD/RELEASE** button. The scale will continue to display the patient's weight after they step off the scale and will remain on the display until released or the scale is powered off. To release, press the **HOLD/RELEASE** button again.
Note: If Auto Off is enabled, the scale will not power off if a weight is being held on the display.
6. After recording the weight, roll the wheelchair and patient off of the scale.
7. Press the **ON/OFF** button to power the scale off.

BMI Function
Note: The scale will not calculate BMI for a patient weighing less than 24 pounds (12 kg). If a height is not entered for the patient within 30 seconds of pressing the **BMI** button, the scale will return to normal weighing mode.
1. Make sure there is nothing on the weighing platform.
2. Press the **ON/OFF** button to turn on the scale.
3. Wait until the "0.0" LB or "0.0" KG appears on the display.
4. Tare out the weight of the wheelchair, and roll the patient in the wheelchair onto the scale.The scale will begin to display the patient's weight and will lock on the patient's weight when completed. Depending on the movement of the patient on the scale, it may take several seconds for the scale to lock onto the weight.
5. After obtaining the patient's weight, and with the patient remaining on the scale, press the **BMI** button.
6. The scale will prompt entry of the patient's height. Use the keypad ▲ and ► buttons to enter the patient's height.
Note: When weighing in pounds, the height is displayed in inches. When weighing in kilograms, the height is displayed in centimeters.
7. Once height is keyed in, press the **ENTER** button.
8. The display will show the patient's **BMI**.
9. Press the **ENTER** button to return to the normal weighing mode.

Weight Recall
The last weight reading on the scale can be recalled by pressing the **RECALL** button, even after the scale has automatically or manually powered off. To clear the display of the recalled weight, press the **ENTER** button.

Auto Off Feature
To conserve battery power, this scale includes an Auto Off feature that powers off the scale after a period of inactivity. Follow the procedure below to activate or deactivate this feature.

Deactivating the Auto-Off Feature
The scale is shipped with the Auto Off feature enabled.To deactivate the Auto Off feature, while the scale is off, press and hold down the **TARE** button. While holding down the **TARE** button power on the scale by pressing the **ON/OFF** button. "START" will briefly appear on the display followed by "AOF=0". The Auto-Off feature has now been deactivated and the scale will remain on until manually powered off.

Activating Auto Off Feature
While the scale is off, press and hold down the **TARE** button. While holding down the **TARE** button power on the scale by pressing the **ON/OFF** button. "START" will briefly appear on the display followed by "AOF=1". The Auto-Off feature has now been enabled and the scale will shut off after 2-3 minutes of inactivity.

Maintenance

The following pages provide instructions for maintenance, cleaning, calibrating, and troubleshooting for the 2500KL, 2500CKL or 2600KL scale. 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 scale for proper operation and function. If the scale does not operate correctly, refer to qualified service personnel.

1. Check overall appearance of the total scale for any obvious damage, wear, and tear.

2. Inspect the AC adapter for cord cracking or fraying, or for broken/bent prongs.

Cleaning

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

Caution: Disconnect the scale from the AC adapter power source prior to cleaning the unit.

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.

2. Do not immerse the scale into cleaning or other liquid solutions.

3. Do not use Isopropyl Alcohol or other solutions to clean the display surface.

4. Do not use abrasive cleaners.

CALIBRATION

Calibration

These scales have been factory calibrated, and do not require calibration prior to use.
For maintenance, the scale can be calibrated. Calibration of your 2500KL, 2500CKL or 2600KL scale is performed using kilograms (kg) or pounds (lb), according to the units of measure used upon entering into the calibration path. The following calibration assumes the scale is set to pounds, and 400 lb (the default weight) is employed as the calibration weight.

Note: Only weights certified and traceable to national standards are to be used for calibration.
Note: When calibrating a 2500CKL, place the weights on the platform. Do not place the weights on the seat.

Scale Calibration

Operator Action	Display
1. Make sure the display is turned off, then press and hold the **HOLD/RELEASE** button while pressing the **ON/OFF** button. (Two alphanumeric characters will appear next to U followed by 4-5 characters.)	U"XX" followed by a 4-5 digit 'idle scale count' number.
2. Press the **ENTER** button.	"CAL".
3. Make sure there is nothing on the scale, then press the **ENTER** button again.	"Clear" followed by "0400.0LB".
4. Use the ► and ▲ buttons to set the calibration weight to a value other than the default weight. The calibration weight should be as high as possible, with 400 lb as a minimum calibration weight.	Shows "400.0" or entered calibration weight.
5. Press the **ENTER** button.	Alternating "Load" followed by "400.0LB".
6. Load the scale with the required weight.	Display increments showing raw weight data.
7. Without touching or shaking the scale, allow the display to stabilize, then press the **ENTER** button.	"SUCC" or "Err1".
8. If the calibration is successful, the display will show SUCC and turn off. If the calibration is not successful, the display will show Err1 and turn off. Contact customer service for an Err1 display (+1 800-638-3722).	-------

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TROUBLESHOOTING

Troubleshooting

Before contacting service personnel, refer to the following instructions to check and to correct any failures.

Symptom	Possible Cause	Corrective Action
Scale does not turn on	1. Dead Battery 2. Faulty electrical outlet 3. Bad power supply	1. Replace batteries 2. Use a different outlet 3. Replace AC adapter
Questionable weight or the scale does not zero	1. External object interfering with the scale 2. The display did not show "0.0" before weighing 3. Scale is not placed on a level floor 4. Scale is out of calibration 5. Improper Tare	1. Remove interfering object from the scale 2. Ask the patient to get off the scale, zero the scale and begin weighing process again 3. Place the scale on a level floor and begin weighing process again 4. Check weight with known weight value 5. Place the item to be tared on the scale. Press **REWEIGH**. Once the weight of the item is displayed, press **TARE**. Place the patient and the tared item back on the scale. Press **REWEIGH** again
Weighing is performed but the weighing process takes too long and the weight does not lock on the display	The patient is not sitting or standing still	Ask the patient to stand or sit still
The display shows "Over" message	The load on the scale exceeds the capacity (1000 lb / 454 kg)	Remove the excess weight and use the scale according to its limits
The display shows "Lo bAtt" message	The batteries are depleted.	Replace batteries according to instructions

WARRANTY

Limited Warranty

What does the Warranty Cover?

These Health o meter® Professional scales are 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 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

PELSTAR, LLC

9500 West 55th Street • McCook, IL 60525 • USA

1-800-638-3722 or 1-708-377-0600

PLEASE REGISTER YOUR SCALE FOR WARRANTY COVERAGE AT: www.homscales.com

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P/N UM2500KL / 2500CKL / 2600KL Rev 20170921_EngOnly