



Model 549KL / 549KG Digital Pediatric Tray Scale



User Instructions



PELSTAR, LLC 9500 West 55th St. McCook, IL 60525-7110 USA

www.homscales.com

weigh**easier**®

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

TABLE OF CONTENTS

Cautions and Warnings.....	3
Specifications	4
Operating Instructions	5
Battery Installation / Maintenance	6
Calibration 549KL	7
Calibration 549KG	8
Warranty.....	9

Note: This scale has been factory calibrated, and does not require calibration prior to use.

Please register your scale for warranty coverage at:
www.homscales.com/product-support/technical-support/product-warranty-registration

For User Instructions updates and revisions please go to:
www.homscales.com

CAUTIONS AND WARNINGS

Intended use

The Health o meter® Professional 549KL and 549KG scales were intended to be used in a professional medical environment by trained medical staff. This product was designed to weigh infants that are laying or sitting on the tray. Do not modify the product or use it for anything other than its intended purpose.

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

- Assemble and operate the scale per the enclosed user instructions.
- 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 transport the scale with a patient or object on the tray.
- Do not exceed the weight capacity specified for this scale.
- Do not use in the presence of flammable or explosive materials.
- If the scale becomes damaged, it should not be operated until properly serviced.

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.
- To prevent falls or injury, place the scale securely far from the edge of the counter or table that is used to hold the scale.

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

SPECIFICATIONS


General

The Health o meter® Professional 549KL / 549KG scale uses 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.

Scale Specifications

Capacity and Resolution	549KL: 44 lb / 0.5 oz; 20 kg / 10 g 549KG: 20 kg / 10 g	
Power Requirements	9V battery included	
Environmental	Operating temperatures: 50°F to 104°F (10°C to 50°C) Atmospheric Pressure: 500hPa – 1060hPa Humidity: 10% - 95% RH	
Physical Dimensions	Tray Size: Width: 19 1/4" (489 mm) Depth: 13" (330 mm) Height: 2 5/8" (67 mm)	Product Footprint: Width: 19 3/8" (492 mm) Depth: 13 1/2" (343 mm) Height: 4 3/8" (111 mm)

Certification Descriptions

	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.
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Scale Disposal



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

OPERATING INSTRUCTIONS

Weighing a Patient

1. Make sure there is nothing on the weighing tray. Press the **ON/TARE/OFF** button to turn on the scale. "88.88" will appear on the display followed by zeroes.
2. Place the baby on the scale so that its weight is evenly distributed. The scale will begin to display weight information and will lock on the patient's weight when the stable weight of the patient is determined. Depending on the movement of the patient on the scale, it may take several seconds for the scale to lock onto the weight. When a stable weight is calculated, the weight reading will flash on the display three times. The weight reading will remain on the display until the baby is removed from the scale. **Caution: To prevent patient injury, the patient must be attended throughout the entire weighing event.**
3. Remove the baby from the scale.
4. To turn off the scale, press and hold the **ON/TARE/OFF** button for approximately three seconds.

Note: If the display shows "Err" you have exceeded the capacity of the scale.

Tare Function

The tare function allows you to place other items on the scale while weighing the baby without affecting the baby's weight reading.

1. Make sure there is nothing on the weighing tray. Press the **ON/TARE/OFF** button to turn on the scale. "88.88" will appear on the display followed by zeroes.
2. Place the object you want to tare on the scale. The display will show a value for the object's weight.
3. With the object remaining on the scale, press the **ON/TARE/OFF** button. "TARE" will appear on the display then the scale will return to zero.
4. Keep the object on the scale and place the baby on the scale. The scale will automatically deduct the weight of the object and only display the baby's weight.

Note: If the scale does not return to zero when you remove the object and baby from the tray, press the **ON/TARE/OFF** button to return the scale to zero.

LB/KG Lock (549KL ONLY)

The weight measuring unit can be locked to only measure in LB or KG.

KG Lock Instructions

1. Make sure there is nothing on the weighing tray. Press the **ON/TARE/OFF** button to turn on the scale. "88.88" will appear on the display followed by zeroes.
2. Press the **kg/lb** button so the KG icon is displayed and continue holding the **kg/lb** button for approximately 10 seconds.
3. When the KG icon flashes, release the **kg/lb** button. The KG weight measuring unit is now locked and will remain locked even if the scale is turned off.

LB Lock Instructions

1. Make sure there is nothing on the weighing tray. Press the **ON/TARE/OFF** button to turn on the scale. "88.88" will appear on the display followed by zeroes.
2. Press the **kg/lb** button so the LB icon is displayed and continue holding the **kg/lb** button for approximately 10 seconds.
3. When the LB icon flashes, release the **kg/lb** button. The LB weight measuring unit is now locked and will remain locked even if the scale is turned off.

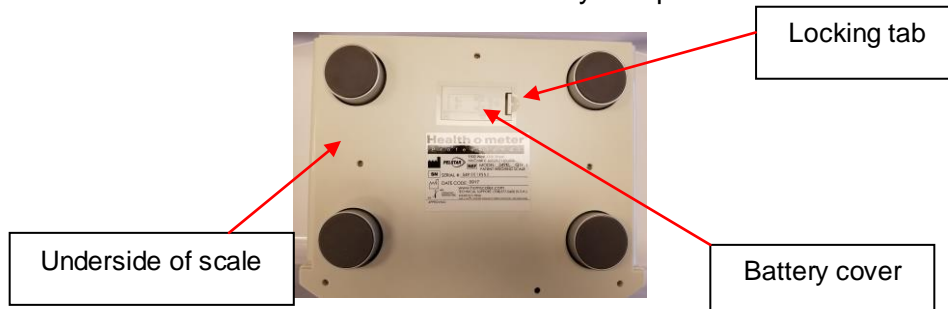
Disabling LB/KG Lock

1. Make sure there is nothing on the weighing tray. Press the **ON/TARE/OFF** button to turn on the scale. "88.88" will appear on the display followed by zeroes.
2. Press and hold the **kg/lb** button until LB and KG icons *both* flash on the display. When both LB and KG icons are flashing, release the **kg/lb** button. The weight measuring unit is now unlocked; pressing the **kg/lb** button will allow user to toggle between LB and KG.

BATTERY INSTALLATION / MAINTENANCE

Battery Installation

1. Turn the scale over to access the battery compartment on the underside of the scale. Push down on the tab and lift the cover off of the battery compartment.



2. Replace or install a new 9V battery. Health o meter® Professional recommends using an alkaline or lithium battery, rated for 130°F (54°C) operation. Do not use zinc-carbon batteries. Reattach the battery compartment door.

Warning: If the scale will not be used for some time, remove the battery 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.

Maintenance

The following pages provide instructions for maintenance, cleaning, and calibrating your scale. Maintenance operations other than those described in this manual should be performed by qualified service personnel.

Before first use, or after long periods of non-use, check the scale for proper operation and function. Check overall appearance of the total scale for any obvious damage, wear, and tear. If the scale does not operate correctly, refer to qualified service personnel.

Note: This scale is an extremely sensitive weighing device. Items such as clothing or towels placed or dropped on the scale may cause the scale to activate. In order to prevent battery depletion, do not store or leave anything on the scale.

Cleaning and Disinfecting

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

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

1. Health o meter® Professional recommends using one of the following solutions on a soft cloth or disposable wipe:
 - mild soap and water solution
 - 70% isopropyl alcohol
 - solution with 1-5% hydrogen peroxide concentrationAfter cleaning/disinfecting, wipe with a cloth dampened with water and then with a clean dry cloth. To avoid residue build-up or damp surfaces, ensure the screen and scale parts are completely dry after cleaning.
2. Never use rough or abrasive materials to clean the scale, as these will damage the scale's finish.
3. Do not submerge the scale in water or any other liquid.
4. Do not pour or spray fluids directly on the scale.

CALIBRATION – 549KL

Note: Only scale models with a date code of 4317 or greater can be calibrated.

This scale has been factory calibrated, and does not require calibration prior to use. If required, the scale can be calibrated.

For model 549KL, calibration is performed in either pounds or kilograms. In LB mode, 40 pounds are required for calibration, applied in 10 lb and 20 lb increments. In KG mode, 20 kilograms are required for calibration, applied in 5 kg and 10 kg increments.

Before beginning the calibration procedure ensure the desired calibration unit of measure is selected on the display (LB or KG). The unit of measure does not need to be locked the calibration procedure.

Note: Only weights certified and traceable to national standards should be used for calibration procedures.

549KL Calibration Procedure – in LB Mode

Note: To calibrate in pounds, LB must be the selected unit on the display before starting the calibration procedure.

ACTION	DISPLAY SHOWS
With the scale off, press and hold the ON/TARE/OFF button and the kg/lb button at the same time. When “CAL” appears on the display, release both buttons. Numbers will appear indicating you can begin calibration.	“CAL” followed by numbers
When the calibration numbers stabilize, press the ON/TARE/OFF button. “C10” will flash on the display.	“C10”
Place 10 pounds on the scale. After stabilization, “C20” will flash on the display.	“C20”
Place an additional 10 pounds on the scale, for a total of 20 lb. After stabilization “C40” will flash on the display.	“C40”
Place an additional 20 lb on the scale, for a total of 40 lb. After stabilization, “END” will appear on the display and the scale will automatically turn off. The scale has been successfully calibrated.	“END”

549KL Calibration Procedure – in KG Mode

Note: To calibrate in kilograms, KG must be the selected unit on the display before starting the calibration procedure.

ACTION	DISPLAY SHOWS
With the scale off, press and hold the ON/TARE/OFF button and the kg/lb button at the same time. When “CAL” appears on the display, release both buttons. Numbers will appear indicating you can begin calibration.	“CAL” followed by numbers
When the calibration numbers stabilize, press the ON/TARE/OFF button. “C5” will flash on the display.	“C5”
Place 5 kg on the scale. After stabilization, “C10” will flash on the display.	“C10”
Place an additional 5 kg on the scale, for a total of 10 kg. After stabilization “C20” will flash on the display.	“C20”
Place an additional 10 kg on the scale, for a total of 20 kg. After stabilization, “END” will appear on the display and the scale will automatically turn off. The scale has been successfully calibrated.	“END”

CALIBRATION – 549KG

Note: Only scale models with a date code of 4317 or greater can be calibrated.

This scale has been factory calibrated, and does not require calibration prior to use. If required, the scale can be calibrated.

Calibration is performed using kilograms (KG). 20 kilograms are required for calibration, applied in 5 kg and 10 kg increments.

Note: Only weights certified and traceable to national standards should be used for calibration procedures.

ACTION	DISPLAY SHOWS
With the scale off, press and hold the ON/TARE/OFF button and the CAL button at the same time. When “CAL” appears on the display, release both buttons. Numbers will appear indicating you can begin calibration.	“CAL” followed by numbers
When the calibration numbers stabilize, press the ON/TARE/OFF button. “C5” will flash on the display.	“C5”
Place 5 kg on the scale. After stabilization, “C10” will flash on the display.	“C10”
Place an additional 5 kg on the scale, for a total of 10 kg. After stabilization “C20” will flash on the display.	“C20”
Place an additional 10 kg on the scale, for a total of 20 kg. After stabilization, “END” will appear on the display and the scale will automatically turn off. The scale has been successfully calibrated.	“END”

WARRANTY

Limited Warranty

What does the Warranty Cover?

This Health o meter® Professional scale 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

Extended Warranty Available

This scale is eligible for Health o meter® Professional ScaleSurance Extended Warranty Program. ScaleSurance extends the warranty period for an additional two years. This extension to the standard Limited Warranty can be purchased with new scales or for a facility's existing scale before its current warranty has expired. To learn more, visit www.homscales.com/scalesurance/ or contact your medical supply distributor.

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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