Phothera®

Operation Manual

Phothera

600 LT

400 LT

ClearLink® Controlled

Your health is our purpose, and your care is our promise.

Phothera®

Table of Contents

Introduction:
Thank you for selecting the **Phothera 600 LT or Phothera 400 LT Phototherapy Device.**

Phothera designs and manufactures prescription phototherapy systems for the treatment of photoresponsive skin disorders. This Operation Manual provides essential information for the installation, operation, maintenance, and care of the Phothera 600 LT and/or Phothera 400 LT.

Read this manual carefully before operating the device. Retain this manual for future reference.

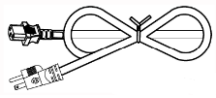
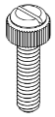
Regulatory Notice:
CAUTION: Federal law restricts this device to sale by or on the order of a licensed physician. All treatments must be administered under the direction of a licensed physician.

Proprietary Notice:
This document contains proprietary information belonging to Phothera. It is provided for the operation and maintenance of the Phothera 600 LT and/or Phothera 400 LT Phototherapy Device and may not be reproduced or distributed without written authorization.

1.0 Parts Enclosed

Ensure that the following parts, accessories, and documentation are accounted for:

Table 1 Accessories and Documentation

Protective Goggles (QTY: 1)  PN: 913GOGGLES	**Power Cable (QTY: 1)**  PN: 072HGPWRCBL18AWGRA	**Grid (QTY: 1)**  PN: 100GD6LT (600 LT) PN: 100GD4LT (400 LT)
Foot (QTY: 2)  PN: 100FT6LT (for both 600LT + 400LT)	**Lamp (QTY: 4)**  PN: 060FS72SOFTA (600 LT) PN: 060FS72SOFT (600 LT) PN: 060NB40BP (400 LT)	**Operation Manual (QTY: 1)**  PN: MNL-00067
Thumb Screw (QTY: 8)  PN: 100SCTB1/4-20X1	**Plastite Screw (QTY: 2)**  PN: 100SCPL6-32X1/4	**NOTE:** **Some accessories come in the cardboard sleeves marked "parts enclosed". Some devices come with lamps, grid, and plastite screws pre-installed.** **Visit www.support.phothera.com for support.**

2.0 Quick Start Guide: Control Type

The Phothera 600 LT and/or 400 LT phototherapy device is equipped with Phothera's ClearLink® Control System. The device was prescribed to function in only one of the following modes:

- **Guided Mode:** The system controls the beginning and all future doses depending upon how the users' skin responds to the therapy. Guided Mode is designed to provide the highest level of safety and consistency.

- **Dose Entry Mode:** The user enters the prescribed dose in millijoules (UVB). The system automatically calculates treatment time based on lamp output.

NOTE* Time-Entry (Time as a dose) mode is not available for the Phothera 600 LT or Phothera 400 LT devices.

2.1 Quick Start Guide: Device Unlocking and Activation

Touch the screen and the Phothera logo will appear. Tap the number 7 followed by the blue right arrow → to unlock the device.

Upon powerup, the device may need to be activated. The following screen will appear ***(Figure 1).*** Enter the setup/refill code provided by the prescriber to activate the device.

For more detailed instructions see *section 8.3 Activating Device with Setup/Refill Codes.*

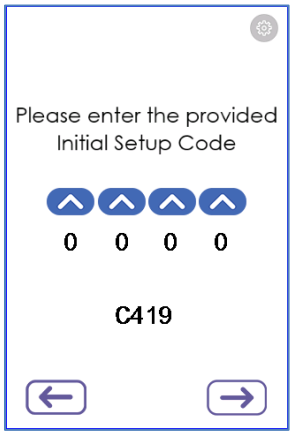


Figure 1 Initial Setup Code Screen

Upon activation, or if device was activated at the factory, one of the screens below ***(Figure 2)*** will be displayed – tap the → button to confirm:

Figure 2 Operation Mode Confirmation Screens

NOTE: If your device needs activation, and a code was not provided, contact your prescriber. Time-Entry (Time as a dose) mode is not available for the Phothera 600 LT or Phothera 400 LT.

2.1.1 Quick Start: Guided Mode

1. Unlock the device.
2. Review the scheduled dose displayed.
3. Respond to the "red or in pain" skin-response prompt ***(Figure 23).***
4. Confirm dose.
5. Put on protective eyewear.
6. Press **Enter** to begin treatment.
7. Maintain the prescribed 9-inch treatment distance from the center of the lamps throughout treatment.
8. Lamps activate after 5 second delay and turn off automatically at completion.

See *Section 9.0 Guided Mode* for detailed instructions on Guided Mode operation.

2.1.2 Quick Start: Dose Entry Mode

1. Unlock the device.
2. Press **Treat Patient**.
3. Enter dose in millijoules.
4. Confirm dose.
5. Put on protective eyewear.
6. Press **Enter** to begin treatment.
7. Maintain the prescribed 9-inch treatment distance from the center of the lamps throughout treatment.
8. Lamps activate after 5 second delay and turn off automatically at completion.

See *Section 10.0 Dose Entry Mode* for detailed instructions on Dose Entry Mode operation.

3.0 Delivery and Inspection

Upon delivery, inspect the shipping container and contents for damage. If damage is discovered:

- Retain all packaging materials
- Contact Phothera Customer Service (*See 23.7 Contact Information)*

4.0 Site Selection

Select a location that meets the following requirements:

- Within reach of a grounded electrical outlet
- Protected from moisture and liquid exposure
- Free of foot traffic and obstruction
- Prevents any unintended exposure to bystanders

Prolonged ultraviolet exposure may cause fading or discoloration of nearby furnishings, wall coverings, or flooring.

4.1 Electrical Requirements

The device is supplied with a standard three-pronged power cord - Connect only to a properly grounded household electrical outlet. The device contains an onboard fuse located within the power inlet module on the lower rear of the unit. If the fuse fails, contact Phothera Customer Service *(see 23.7 Contact Information)* for proper replacement instructions.

5.0 Unpacking and Assembly

WARNING: Fluorescent lamps may break if the device is not unpacked properly. Handle the device with care during unpacking and assembly.

Note: *If device has already been unpackaged, skip to step 5.3.*
Note: *If device has shipped with grid and lamps pre-installed, ignore sections 5.1 and 5.2.*

1. Place the shipping box on the floor with the **bottom facing upward**. Ensure there is adequate space around the box for unpacking.
2. Cut the sealing tape using a knife or scissors and allow the bottom flaps to loosen.
3. Carefully flip the box upright so the flaps can be opened from the top.
4. Open the top flaps to reveal the Phothera 600 LT or Phothera 400 LT device.
5. Lift the device **with the cardboard shock absorbers still attached** and place it on its back on the floor.
    - The device weighs up to **40 lb (18 kg)**.
    - Use **two or more people** and proper lifting techniques.

6. Remove all loose packing materials from the container and verify that the following components are present:
    - Protective eyewear (1 pair)
    - Power cable (1)
    - Grid (1)
    - Lamps (4)
    - Device feet (2)
    - Thumb screws (8)
    - Phothera 600 LT/Phothera 400 LT literature/documentation

5.1 Lamp Installation

1. Remove the lamps from their packaging.
2. Install one lamp at a time. Place the bottom of the lamp into the lower socket and push until the spring locks. Note: Lamp ends are universal so either end can be the bottom.
3. Press down the top socket, place the top of the lamp into it, then release. Make sure the lamp is secure.

5.2 Grid Installation

1. Using a #2 Phillips screwdriver or a 5/16" nut-driver, remove the hex head screw at the bottom of the device near the feet.

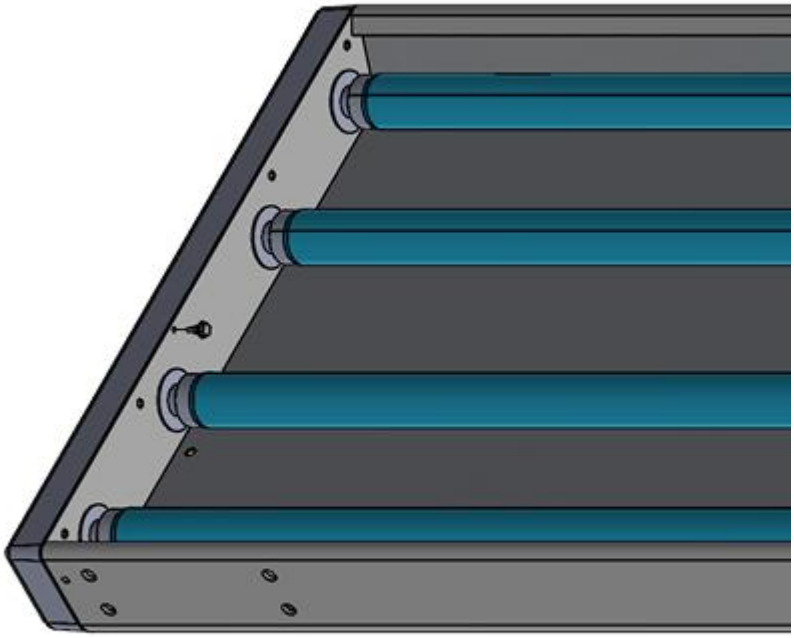


Figure 3 Grid Screw Removal

2. Align the top of the protective grid with the 4 holes in the top metal plate above the controller. Push the 4 posts of the grid into the 4 holes of the top plate.
   ***NOTE: there is a tab on the bottom of the grid – this tab must be towards the front/outside of the device to ensure proper orientation.**

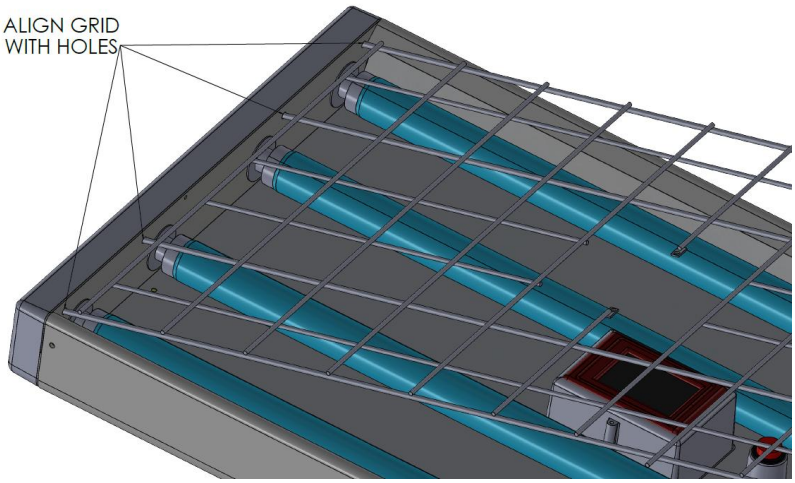


Figure 4 Grid Alignment with Top Plate Holes

3. Align the bottom of the grid with the holes on the bottom plate and fasten with the previously removed screw.

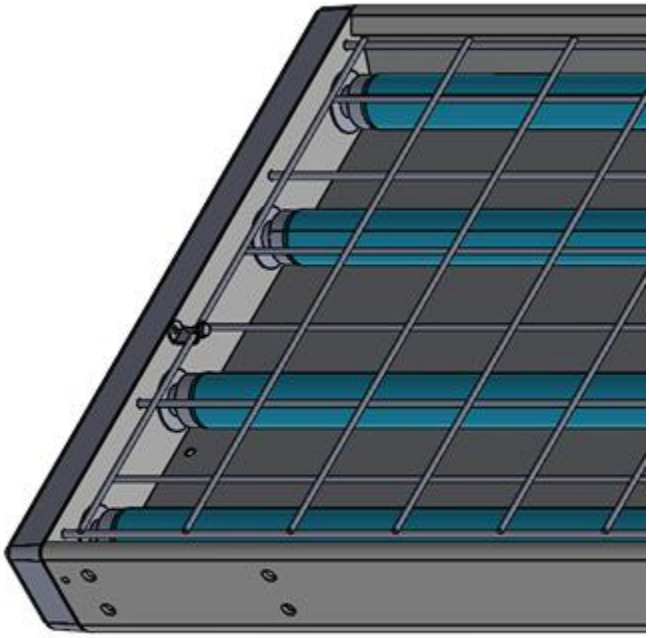


Figure 5 Grid Alignment with Bottom Plate

4. Using a Phillips #2 screwdriver, attach the center opening of the grid to the controller box with the two thread-forming screws provided with the accessories.

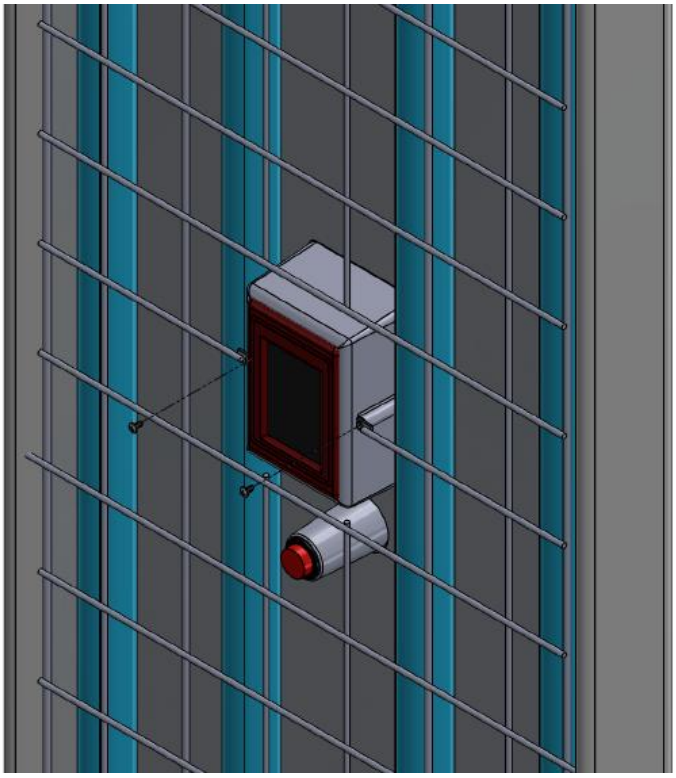


Figure 6 Installing Remaining Screws

NOTE: To remove the grid, follow these steps in reverse

5.3 Foot Installation

1. Remove the bottom cardboard shock absorber and place it beneath the lower edge of the device to elevate it from the floor.

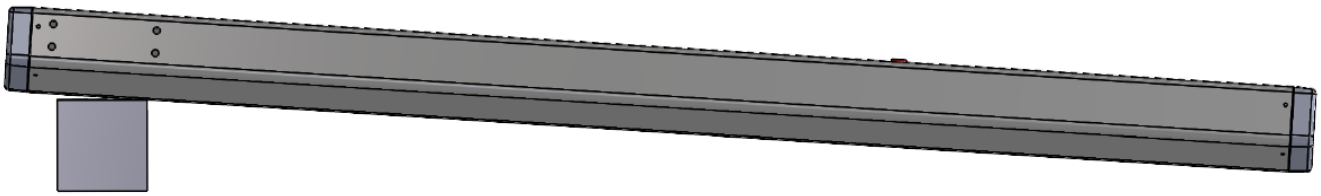


Figure 7 Device preparation for foot installation

2. Locate the eight black thumb screws included with the accessories – attach the feet as shown below.

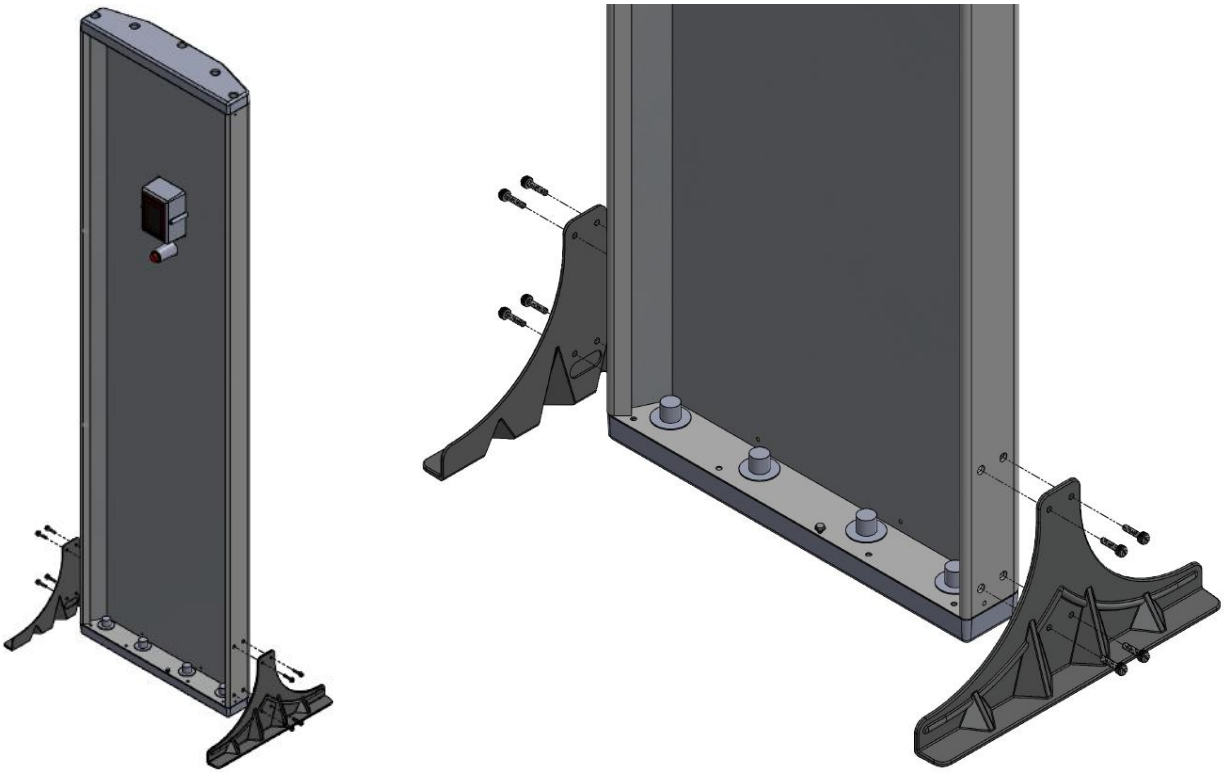


Figure 8 Exploded view of assembly of feet to bottom of device

3. Plug the "D" shaped end of the power cable into the power inlet at the bottom rear side of the device.
4. Plug the device into an appropriate, grounded electrical receptacle. (see section 4.1 Electrical Requirements)
5. Press the on/off button below the controller so that it is fully engaged. (see section 7.1 On/Off Button)

6.0 Precautions & Warnings

1. **General Warnings**

- Do not use this device for anything other than its intended purpose. All treatments must be administered under the direction of a licensed physician only. This device is only to be used by authorized users. Do not use the device while distracted.
- Prior to each use, always verify that the device is in correct working order and operating condition. Plugs, sockets, lamps, electrical cables, and connections should not be worn or damaged. Do not operate this device with a damaged cord or plug.
- Only original components and accessories should be used with the device to avoid damage.
- The device must never be directly exposed to flowing or splashing liquids of any kind. If the device is inadvertently exposed to liquid, it must be tested for safe function before being placed in operation again.
- The device's glass lamps and touch screen control system display are susceptible to damage from excessive force. Avoid excessive force to prevent damaged or broken glass.
- Do not treat if the lamps fail to ignite. Consult with doctor and/or contact customer service. *(See 23.7 Contact Information)*.

- If lamps turn on without treatment being started/resumed, or if lamps do not turn off when treatment is completed, unplug the device. Contact doctor and/or customer service. (See *23.7 Contact Information).*

- **NO MODIFICATION OF THIS EQUIPMENT IS PERMITTED**. Unauthorized modification will void the warranty and may result in hazardous or improper device operation.

2. Optical and Medical Warnings

- To protect the eyes during operation, the operator and anyone in view of the device must wear the provided UV blocking glasses or goggles designed to block 100% of all UVA and UVB light from the eye area when worn. **Always use Phothera approved eyewear purchased through Phothera.** Do not remove protective eyewear, or any other protective equipment, during treatment.
- All other people and pets should leave the area to avoid unwanted exposure to ultraviolet light.
- If psoralens (photosensitizing drugs) are being used as part of the treatment, the eyes should be protected from exposure to ultraviolet (sunlight) for 24 hours after taking the drug. Ultraviolet blocking glasses are provided with devices equipped with UV lamps.
- Lip balm and/or sunscreen with **SPF 30 or greater** should be applied to non-treated areas as directed by the physician.
- Do not use over skin eruptions without express consent from the attending physician.
- Unaffected body parts that are not to be treated must be shielded from UV light (clothing, towels, etc.).
    - If a patient experiences Erythema, never treat the patient until the noticeable effects subside, and always reduce the future treatment time.
    - Erythema can result in as little as 15 seconds of exposure, or approximately 200 millijoules of dose to UVB light. Prior to using your home phototherapy device, contact your prescribing physician for specific treatment instructions and dosing information**.**
- Center body between the lamps during treatment to avoid over exposure to isolated areas of the body.
- **Caution** – Use of controls or adjustments or performance of procedures other than those specified herein result in HAZARDOUS radiation exposure.
- **WARNING**: Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.
- **DANGER - ULTRAVIOLET RADIATION**. As with natural sunlight, overexposure can cause eye and skin injury, and allergic reactions. Repeated exposure may cause premature aging of the skin and/or skin cancer. **ALWAYS WEAR PROTECTIVE EYEWEAR: FAILURE TO DO SO MAY RESULT IN SEVERE ERYTHEMA OR LONG-TERM INJURY TO THE EYES**. Medications or cosmetics may increase skin sensitivity to ultraviolet radiation. Patient should inform physician before using this device if using medications or if patient has a history of skin problems or sensitivity to light.
- Carcinogen: Published clinical evidence evaluating patients treated for vitiligo found no significant increase in skin cancer risk following UV phototherapy (Wu YH et al., 2022).

3. **Electrical and Radio Frequency (RF) Warnings**

- If using a power strip as the main point of disconnect, do not position the device so that the switch on the power strip is difficult to access. Ensure the device can be unplugged from the point of disconnect. If necessary, operation of equipment may be terminated by unplugging device.
- To avoid the risk of electric shock, this equipment must only be connected to a supply main with a protective earth. *(See section 4.1 Electrical Requirements).*
- To prevent electric shock, remove power to the device prior to cleaning and servicing.
- To eliminate the risk of fire when replacing the fuse, replace **ONLY** with a fuse of the same type and rating.
- If the device malfunctions, cease operation immediately. If the device is placed close to other equipment, it is possible that the cause is interference by external noise sources and fields, in which case the operator should follow the remedies found under EMC Precautions. If the device continues to malfunction cease operation and contact customer service. *(See 23.7 Contact Information).*
    - This device should be a minimum of 12 inches (30 cm) away from RF generating equipment.
    - Device is not to be used in MR environments that may include MRI, diathermy, electrocautery, or other high frequency equipment.

7.0 Operating/Storage Specifications

Table 2 Operating Specifications

Ambient Temperature:	15°C to 30°C (59°F to 86°F)
Relative Humidity:	10% to 95%, Non-condensing
Liquid Ingress Rating:	IPX0 (This device does not have protection against ingress of water.)
Ocular Hazard Distance:	3 Meters (9.84 Feet)
Ambient Luminance:	250 – 500 lux

Table 3 Storage Specifications

Ambient Temperature:	-40°C to 70°C (-40°F to 158°F)
Relative Humidity:	10% to 95%, Non-condensing
Atmospheric Pressure:	50 kPa to 106 kPa

7.1 On/Off Button

The Phothera 600 LT and Phothera 400 LT devices are equipped with an On/Off latching pushbutton switch, located directly under the controller *(see **Figure 9**)*. This switch must be pressed by the user and completely engaged for the device to turn on. In the event that a treatment must be stopped due to an emergency, this button may also function as an Emergency Stop button.

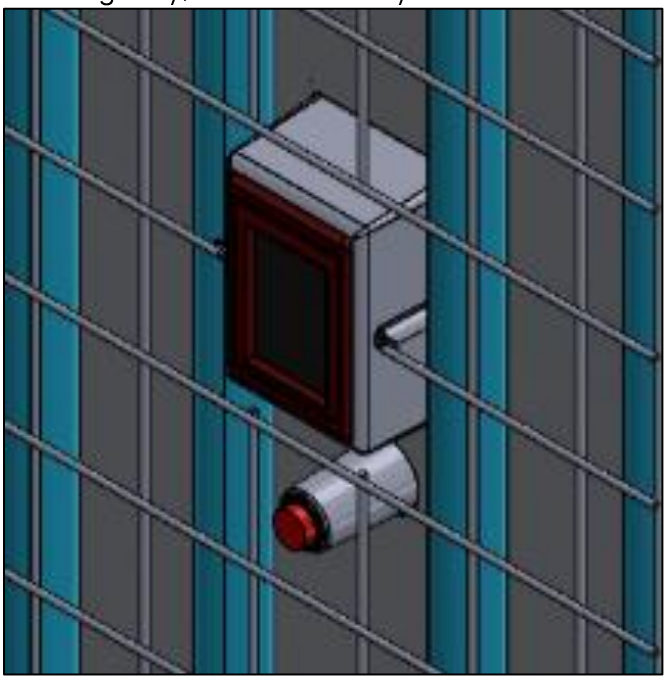


Figure 9 On/Off button centered below controller

8.0 General Instructions (for all ClearLink® Control Types)

8.1 Pre-treatment Preparations

Before initiating therapy:

- Review all instructions with the prescribing physician.
- The prescribing physician is the final authority for treatment protocol and may modify instructions based on patient response.
- Always follow the physician's prescribed treatment plan.

The ClearLink® Controller automatically records treatment data. Patients or caregivers may optionally maintain a treatment log to record:

- Date of treatment
- Delivered dose or time
- Skin response
- Notes (e.g., missed sunscreen, sensitive areas)

8.2 Unlocking the Device using Security Code

To prevent unauthorized use, the device will self-lock when left idle for twenty (20) minutes. A security code must be entered before access to the device is permitted.

Figure 10 Logo Screen

1. Tap the blank screen. The Phothera logo will appear.
2. Tap the logo. The Lock Screen will appear (unless disabled).
3. Using the keypad, enter the number 7 (Security code).
    a. PIN will read as "0007".
4. Press the Enter key → to unlock.

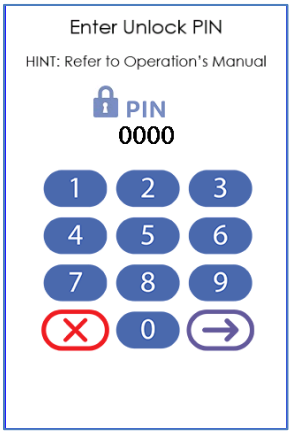


Figure 11 Lock Screen

5. If the device has been activated, it will unlock to the Operation Mode screen (Guided Mode or Dose Entry Mode – see **Figure 12**), otherwise, see *section 8.3 Activating Device with Setup/Refill Codes:*

Figure 12 Operation Mode Confirmation screens

8.3 Activating Device with Setup/Refill Codes

If this screen appears *(**Figure 13**)*, your provider will be giving you additional information about your treatments. With that information, a 4-digit code will be provided that will unlock your device. Review the documentation from your provider and enter the 4-digit code to activate your device. Use the arrows to enter the setup/refill code. Tap the key to enter the code to the controller.

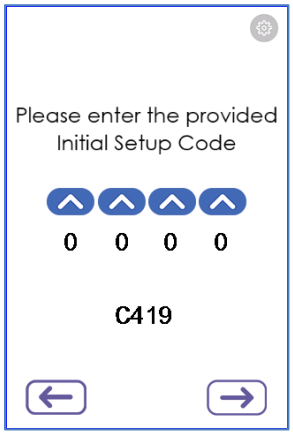


Figure 13 Initial Setup Screen for locked devices

**Note – the C419 code shown may vary. Ensure that this CXXX code is given to the prescribing physician when requesting new refill codes. The refill codes will not work if the prescribing physician is not given the correct code as displayed on the controller.*

8.4 How to Position Yourself

- The recommended treatment distance is **9 inches (22 cm)** from the lamps.
- Mark this distance on the floor (*see **Figure 14***).
- Standing closer than 9 inches may cause localized burning.
- Standing farther away reduces treatment effectiveness.
- Consistent body positioning is key to successful treatment.

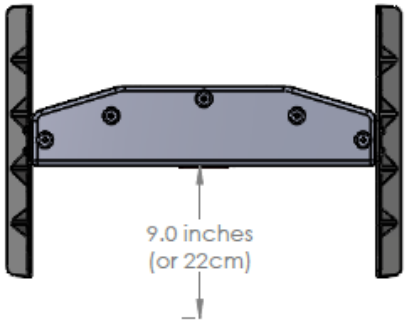


Figure 14 Marking a 9" point from the center of the device

8.5 Common ClearLink® Functions

The system beeps to signal the end of the treatment and displays the delivered dose with the elapsed time.

When the treatment is confirmed, the user will be taken to a treatment confirmation page which displays the entered dose for confirmation and warns the user to put on goggles. After confirming the treatment, there will be a 5 second delay to allow the user to position themselves. *(see* **Figure 15***)*

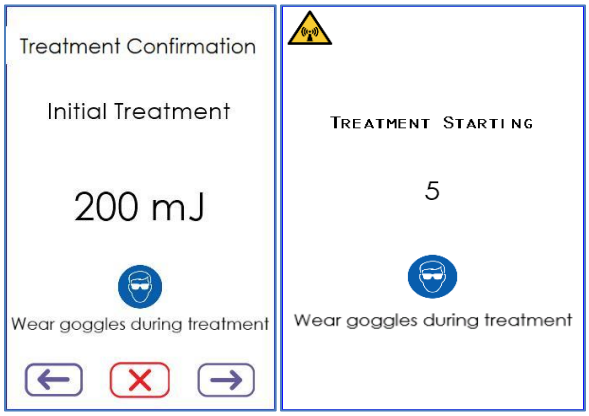


Figure 15 Treatment Confirmation and Start Delay

The system keeps track of how much of the treatment has elapsed. If the controller suddenly shuts down during a treatment (power outage of any kind) the treatment dose and elapsed time are saved. When power is restored, the controller will start, however, the lamps will not automatically turn on. To resume the treatment where it left off, press the Play button.

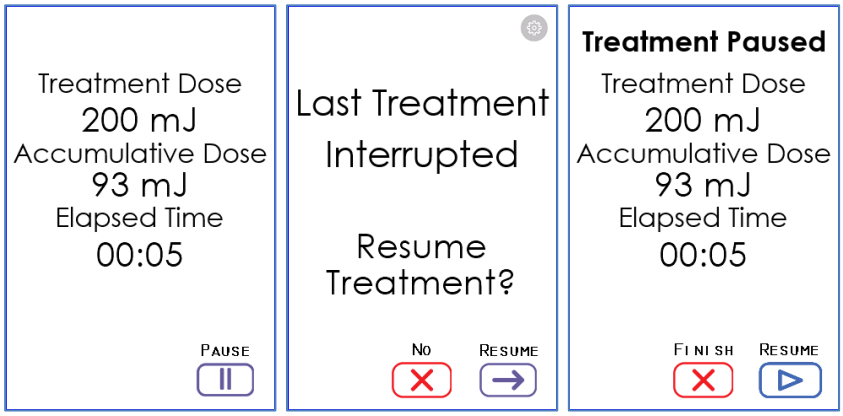


Figure 16 Treatment Interrupt Screens

To cancel a treatment, the active treatment must be paused using the Pause button. The Pause button will change to the Play button and a red X button (cancel) will appear *(See **Figure 17)***. Press this cancel button to be prompted to cancel the treatment.

Figure 17 Cancel Treatment Screen

8.6 Post-Treatment

After a treatment, protect any areas that feel sunburned with sunscreen for the next several exposures or until they appear normal. (Make a note in the notebook.) A physician should be seen at the intervals he or she requests when actively using the device. Always take the notebook when seeing the prescribing physician.

The standard treatment schedule is three times per week with about 48 hours between treatments (i.e. Monday-Wednesday-Friday). Follow this schedule unless otherwise directed by your physician.

8.7 Treatment Limiting Software (Rx)

If the device was prescribed with exposure-limiting software, a screen ***(Figure 18)*** will say how many exposures remain before a refill prescription is needed. This information can also be found on the ClearLink® controller in Machine Info under Treatments Remaining. See *Section 8.8 Uploading Refill Prescriptions* for refill instructions.

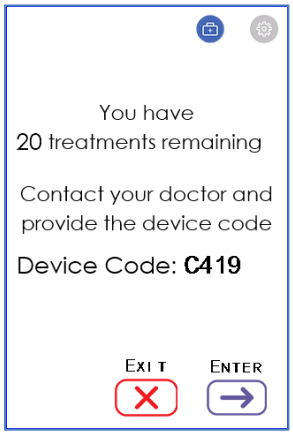


Figure 18 Treatment Remaining Screen

8.8 Uploading Refill Prescriptions

If the device is equipped with treatment limiting software, upon "waking up", the screen will display pre-set reminders of how many exposures are remaining. To ensure there are no interruptions in therapy, we suggest that the physician be contacted and given the device code (CXXX) when 20 exposures remain. The physician will use this device code to generate a refill or "treatment" code for a refill. Once out of exposures, the controller will prompt a new prescription be uploaded (*see **Figure 19**).* If the refill code is entered before all treatments are used, some treatments may be lost. Refill code will set controller to a round number (100, 250, etc).

To enter this refill code, wake the controller from its sleep mode and enter the unlocking code. The controller will ask for the refill code or you may press the Prescription button to begin.

Tap the screen and enter the code provided by the doctor by pressing the up arrows. Press the Enter key → once the code has been verified to be entered correctly. The controller will display the number of exposures that have been uploaded and then continue the normal routine.

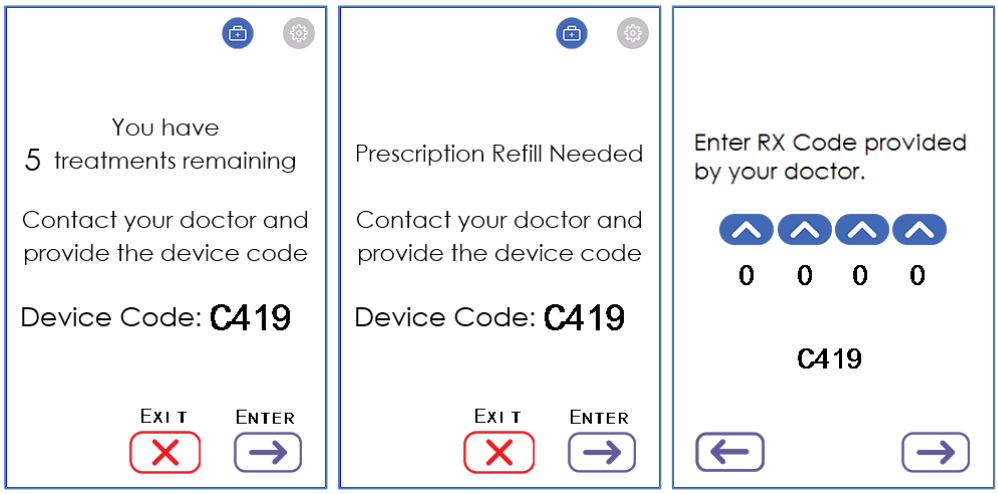


Figure 19 Treatment Refill Screens

8.9 Treatment Repeats

A treatment may also be considered a "treatment sequence", where the primary exposure (1st exposure) plus any additional exposures (repeats) will all be considered as the same treatment. For each sequence of exposures, the number of available treatments is reduced by one. A treatment sequence consists of the primary exposure plus up to three repeat exposures, if prescribed by the physician, for treating other areas of the body.

**Note: Treatment repeats are to be performed under the instructions of the physician only.*

Do NOT treat the same area twice in one session!!

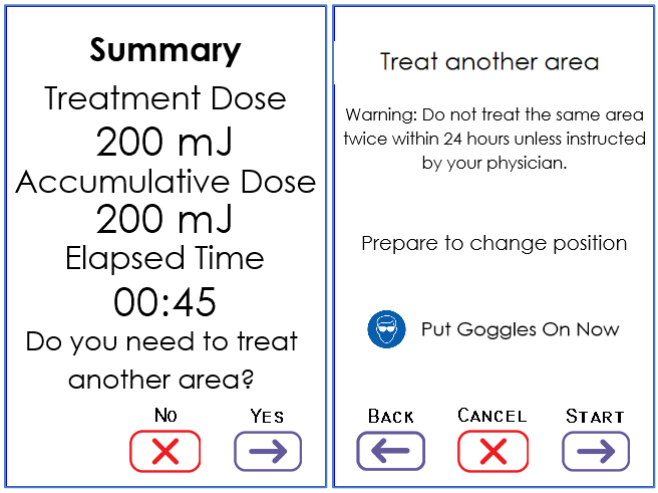


Figure 20 Repeat Treatment Screens

9.0 Guided Mode

If your device has either of these screens *(**Figure 21**)* displayed, your device has been set to deliver treatments in Guided Mode. Tap the blue right arrow to confirm.

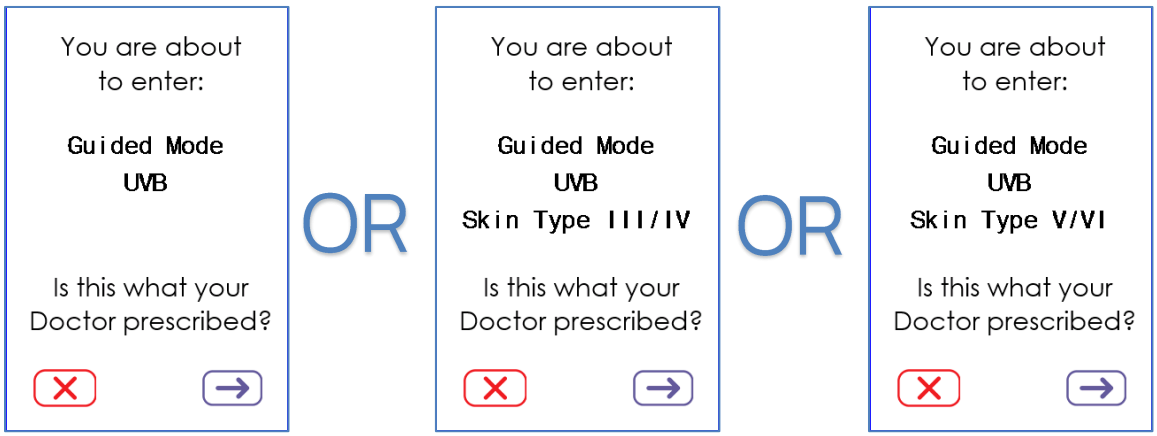


Figure 21 Guided Mode confirmation screens

9.1 Features of ClearLink® Guided Mode

The ClearLink® Guided Mode automatically performs many safety checks on behalf of the user, as well as calculating dose increases based on the treatment schedule and how the users' skin responds to treatment.

For example, each time the device is used, the Guided Mode software will check the date of the last treatment. If on schedule, it will automatically proceed. However, if one or multiple treatments have been missed, the system will adjust accordingly to keep the dose at a safe level. A screen will appear advising the user of the adjustment *(**Figure 22**)*.

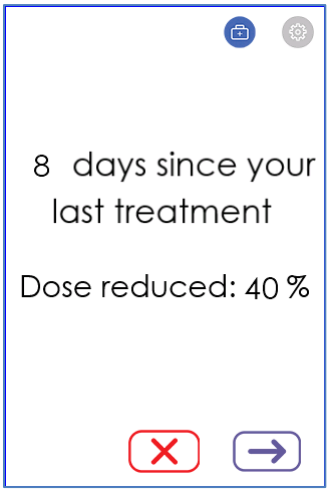


Figure 22 Treatment Reduction Screen

The system monitors the amount of light energy being produced by the device. The system then automatically adjusts the treatment time to account for variations in light energy caused by changes in room temperature or the aging of the lamps.

Finally, before each treatment, Guided Mode will ask about the current condition of the user's skin, such as whether or not there is any redness, mild or otherwise. It will use this information to calculate the next dose. Mild, temporary pinkness may occur as described by the prescribing physician. Report unexpected, painful, persistent, or worsening redness and follow the on-screen response prompts.

If the physician suggests that the dose be lowered, it can be done using the  and  buttons, **but the controller will not allow a dose to be lowered beyond the starting dose or raised beyond the protocol requirements for percent increases**.

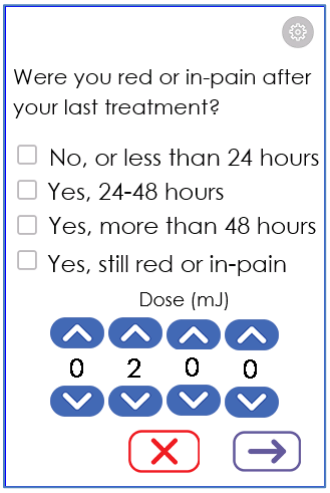


Figure 23 Guided Mode Prompts

9.2 Running a Treatment (Guided Mode)

1. Unlock the device.
2. Review the scheduled dose displayed.
3. Respond to the "red or in pain" skin-response prompt ***(Figure 23).***
4. Confirm dose.
5. Put on protective eyewear.
6. Press **Enter** to begin treatment.
7. Maintain 9-inch distance for body
8. Lamps activate after 5 second delay and turn off automatically at completion.

- **No or less than 24 hrs**
  → Increases dose by 15%
- **Yes, for 24 to 48 hrs**
  → Repeat previous dose
- **Yes, for more than 48 hrs**
  → Decreases dose by 15%
- **Still red / pain present**
  → Dose is decreased by 30% and device locks until one treatment is skipped

9.3 Treatment Lockouts

After a treatment sequence is complete or the red X is selected to end treatment, the device enforces a **16-hour lockout** to prevent premature advancement. There is no override of this status, so the patient must wait 16 hours until the next treatment session is permitted.

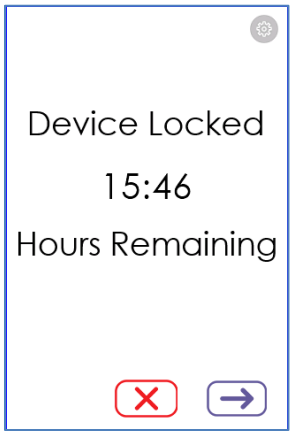


Figure 24 Treatment Lockout Screen

10.0 Dose Entry Mode

If your device has displayed this screen *(**Figure 25**)*, your device has been set to deliver treatments in Dose Entry Mode using dosimetry to determine the treatment time based on device power output. Tap the blue right arrow to confirm. If you don't believe your device should be in Dose Entry mode, contact customer service *(see 23.7 Contact Information)*.

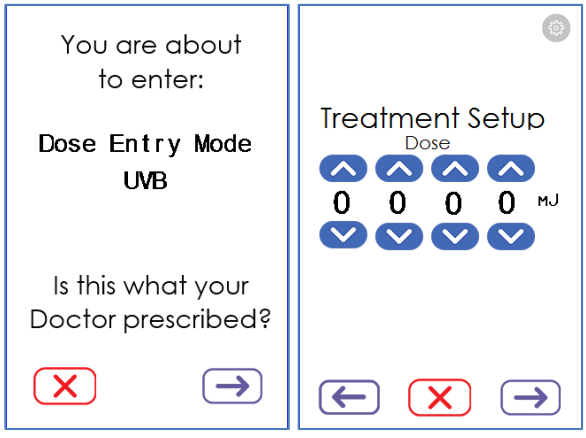


Figure 25 Dose Entry Mode Confirmation and Treatment Setup Screens

10.1 Features of ClearLink® Dose Entry Mode

- User enters prescribed dose
- System adjusts treatment time automatically

10.2Running a Treatment (Dose Entry Mode)

1. Unlock the device.
2. Press **Treat Patient**.
3. Enter dose in millijoules.
4. Confirm dose.
5. Put on protective eyewear.
6. Press **Enter** to begin treatment.
7. Lamps turn off automatically at completion.

Repeat, pause, and cancel functions operate as described in *Section 8.5 Common ClearLink® Functions.*

11.0 Time-Based Output/Fixed Output Mode

ClearLink® devices support Guided Mode with Time-Based Dosing, which calculates treatment time using characterized device output. This mode also supports patient response-based dose adjustment to assist in guiding dose delivery. While this is enabled, a pushpin icon is displayed in the upper right corner of the Treatment Confirmation screen and remains visible while performing treatments.

12.0 Care of the Device

12.1 Recommended Maintenance Schedule

Table 4 Maintenance Schedule

Item / Action	Frequency
Dusting of the device and lamps	Once a month
Fully clean all internal reflectors, lamps	Annually (behind the lamps)
Replace lamps	***UVB – Approximately** every 300 hours of use.

* Lamp life will vary significantly depending on average treatment time and other environmental conditions.

12.2Cleaning/Disinfection

12.2.1 General Cleaning

For general use, use a clean non-abrasive cloth, not paper towels, and a mild cleaning solution such as Dawn Liquid Dishwashing Soap to gently wipe down the exterior of the device.

12.2.2 Low-Level Disinfection

To reduce micro-organisms on the patient-contacting surfaces, disinfect these surfaces between uses of the device, including when the same patient has the device for use. For disinfection while

the same patient uses the device, we have tested several cleaners that do not degrade the material and can be seen in Table 5

Table 5 Tested Cleaners

Cleaner/Solution	Contact Time
Monk brand Wipes	Follow the contact time instructions provided with the Monk brand Wipes
70% Isopropyl Alcohol	3 min

1. Thoroughly wipe down the surfaces and allow contact time listed in Table 5
2. Allow to air dry and inspect for visible contaminants.
3. If contaminants remain repeat until no visible contaminants remain repeat steps 1 and 2.

12.3 Lamp Replacement and Removal

Do not replace lamps individually!

- All lamps must be replaced simultaneously.
- Use only the same brand and specification originally installed.
- Contact Phothera Customer Service to order replacement lamps.

Lamp replacement may be required due to burnout or reduced output causing excessive treatment times.

12.3.1 Lamp Replacement

1) When replacing the lamps, unplug the device, then, using either a 5/16" hex driver/socket or a #2 Phillips-head screwdriver, remove the screw from the bottom of the grid.
2) Lift the grid out of its holes in the bottom lamp plate, pull the bottom of the grid forward, then slide it out of the holes in the top of the device and set it aside.
3) Grasp the lamp to be removed with both hands and press down until it clears the top socket, then remove the lamp. Reverse the process to re-install the lamps and grid.
4) Once reassembled, reset the lamp hours to zero. See section *12.3.2 Resetting Lamp Hours*

12.3.2 Resetting Lamp Hours

When changing lamps, it is important to reset the lamp age to zero so the new lamp's operating hours can be tracked. Please contact the customer service department at https://support.phothera.com/support/home for instructions on resetting the device's lamp hours.

13.0 Troubleshooting

Table 6 Troubleshooting Problem Resolution

Problem	Resolution
No power to screen	-Ensure power cord plugged into working outlet & device -Ensure On/Off button fully engaged -Check for blown fuse
Unlocking code not working	-Ensure code 0007 is being entered -If you see CXXX, you need a refill code – please contact your healthcare provider. -Contact Phothera Support
Lamp(s) fail to ignite	-Ballast may be faulty -Lamp(s) may be faulty -Lamp(s) may not be seated properly in socket

14.0 Clinical Benefit

UV phototherapy normally consists of two distinct phases: Clearing and Maintenance. The clearing phase gradually increases UV exposure to levels required to clear the skin. Maintenance extends the benefits of the clearing phase while limiting total exposure. During the maintenance phase, treatments are normally continued at the last level reached during the clearing phase.

Typically, treatments are very brief and occur about three times a week. Results vary, but psoriasis symptoms commonly begin to improve in as little as 6 -8 treatments; vitiligo usually begins to re-pigment within about 8 weeks. Phototherapy is safe for most patients, including those who are pregnant, elderly or immuno-compromised.

15.0 Cybersecurity

The ClearLink® controller contains embedded software designed to operate as a closed system.

- No user-installed software is permitted.
- Unauthorized access or modification is prohibited.
- Software updates are provided only by Phothera.

16.0 Output Spectrum

The treatment light on this device will be generated by a 100-Watt T12 low-pressure mercury vapor fluorescent lamp.

For UVB devices, the light emitted is in the UVB band with a primary emission range of 310 – 315 nanometers. The output spectrum of the system is shown in **Figure 26**. Some of the light outside the 310-315nm peak emission range is typical for these types of systems and does not affect safety or efficiency.

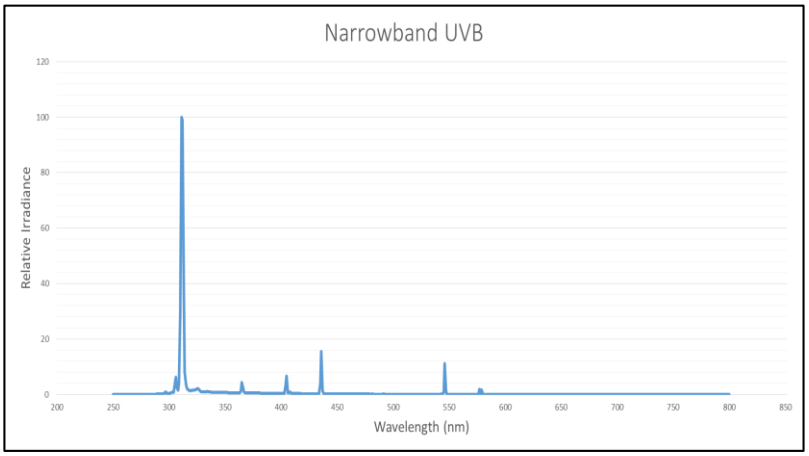


Figure 26 Narrowband UVB Spectrum

The power output of the prescribed device is dependent on the style and quantity of lamps contained within the device. The power output of the device is fixed and cannot be altered by the user.

16.1 Calibration/Power Output

The power output of the device was measured before it left Phothera's manufacturing facility. This value is fixed and cannot be altered by the user. The table below represents the possible output range of the device.

Table 7 Power Output

Lamp Style:	100W T12 NBUVB	40W T38 NBUVB
Minimum Output:	9" Away: 2.0 mW/cm² (+/- 10%)	9" Away: 2.0 mW/cm² (+/- 10%)
Maximum Output:	9" Away: 8.0 mW/cm² (+/- 10%)	9" Away: 8.0 mW/cm² (+/- 10%)

16.1.1 Accuracy/Range

The dosimeter will maintain a 10% level of accuracy if the device is calibrated at least annually in a clinical environment, whenever lamps are replaced, or every one hundred (100) hours, whichever occurs sooner. The calibration process involves taking an output reading with a hand-held meter (available for purchase or rent from Phothera) and checking it with the output reading from the dosimetry system. Please contact customer service. *(See 23.7 Contact Information)* for calibration assistance.

Table 8 ClearLink Controller Accuracy and Dose Range

Dose Range:	UVB: 1 Millijoule - 9999 Millijoules
Dose Accuracy:	± 10%
Timer Accuracy:	±5% in a 10-minute treatment time

17.0 Environmental Specifications

The Phothera 600 LT and Phothera 400 LT should be used in an electromagnetic environment as described below.

Table 9 Electromagnetic Emissions

Emissions Test	Conformity	EMC Environment Guide
RF Emission Following CISPR 11 (EN 55011)	Group 1	Test device only radiates RF energy for internal use in powering lamps, and it seems unlikely that nearby medical devices would be affected.
RF Emission Following CISPR 11 (EN 55011)	Class A	The device is suitable for healthcare environment operation in hospitals and clinics
Limits for Harmonic Current Emissions Following IEC 61000-3-2	Class A	The device is suitable for healthcare environment operation in hospitals and clinics
Limitation of Voltage Changes, Voltage Fluctuations, and Flicker Following IEC 61000-3-3	Compliant	The device is suitable for healthcare environment operation in hospitals and clinic

17.1 Electromagnetic Compatibility – Operating Precautions

Power Disturbance Notice: In the event of a power disturbance (including surges, dips, or brief interruptions), the lamps may flicker or turn off. If the lamps turn off during a treatment session, the timer will stop and no further UV dose will be delivered. Restart the device and resume the treatment session at the operator's discretion. The device will operate normally once power is restored.

Table 10 Electromagnetic Immunity

Emissions Test	IEC 60601 Test Level	Actual Level	Pass/Fail
Electrostatic discharge immunity test following IEC 61000-4-2	+/- 8kV (conductive surfaces, coupling planes) +/- 2kV, +/- 4kV, +/- 8kV, and +/- 15kV (non-conductive surfaces)	+/- 8kV (conductive surfaces, coupling planes) +/- 2kV, +/- 4kV, +/- 8kV, and +/- 15kV (non-conductive surfaces)	Pass
Radiated, radio-frequency, electromagnetic field immunity test following IEC 61000-4-3	80 MHz to 2.7GHz @ 10.0 V/m	80 MHz to 2.7GHz @ 3.0 V/m	Pass
Radiated RF immunity — RF wireless communications	385 MHz – 5785 MHz 9–28 V/m (frequency-dependent)	385 MHz – 5785 MHz 9–28 V/m	Pass
Electrical fast transient/burst immunity test following IEC 61000-4-4	+/- 2kV	+/- 2kV	Pass
Surge immunity test following IEC 61000-4-5	+/- 0.5 kV, +/- 1.0 kV, +/- 2kV	+/- 0.5 kV, +/- 1.0 kV, +/- 2kV	Pass
Conducted Immunity test following IEC 61000-4-6	0.15 MHz to 80 MHz @ 3.0 Vrms 6.765 MHz to 6.795 MHz @6.0 Vrms 13.553 MHz to 13.567 MHz @ 6.0 Vrms 26.057 MHz to 27.283 MHz @ 6.0 Vrms	0.15 MHz to 80 MHz @ 3.0 Vrms 6.765 MHz to 6.795 MHz @6.0 Vrms 13.553 MHz to 13.567 MHz @ 6.0 Vrms 26.057 MHz to 27.283 MHz @ 6.0 Vrms	Pass

Emissions Test	IEC 60601 Test Level	Actual Level	Pass/Fail
	40.66 MHz to 40.70 MHz @ 6.0 Vrms	40.66 MHz to 40.70 MHz @ 6.0 Vrms	
Power frequency magnetic field immunity test following IEC 61000-4-8	50 Hz, 30 A/m	50 Hz, 30 A/m, 60 Hz, 30 A/m	Pass
Voltage dips and interruptions immunity test following IEC 61000-4-11	30% Reduction for 500 mS at 0 degrees, 100% Interruption for 10 mS at 0, 45, 90, 135, 180, 225, 270,315 degrees, 100% Interruption at 5000 mS at 0 degrees	30% Reduction for 500 mS at 0 degrees, 100% Interruption for 10 mS at 0, 45, 90, 135, 180, 225, 270,315 degrees, 100% Interruption at 20mS at 0 degrees. 100% Interruption at 5000 mS at 0 degrees	Pass

Note: The broadband radiated immunity test was conducted at 3.0 V/m per IEC 61000-4-3, 80% AM modulated at 1 kHz, across the frequency range 80 MHz to 2700 MHz. The device passed at this level with no degradation observed. Spot-frequency immunity testing per IEC 60601-1-2 Table 10 (RF wireless communications equipment) was conducted at the levels specified in the table above.

Table 11 Spot-Frequency Proximity Fields

Frequency	Modulation	Test Level	Result
385 MHz	18 Hz (pulse)	27 V/m	Pass
450 MHz	18 Hz (pulse)	28 V/m	Pass
710 MHz	217 Hz (pulse)	9 V/m	Pass
745 MHz	217 Hz (pulse)	9 V/m	Pass
780 MHz	217 Hz (pulse)	9 V/m	Pass
810 MHz	18 Hz (pulse)	28 V/m	Pass
870 MHz	18 Hz (pulse)	28 V/m	Pass
930 MHz	18 Hz (pulse)	28 V/m	Pass
1720 MHz	217 Hz (pulse)	28 V/m	Pass
1845 MHz	217 Hz (pulse)	28 V/m	Pass
1970 MHz	217 Hz (pulse)	28 V/m	Pass
2450 MHz	217 Hz (pulse)	28 V/m	Pass
5240 MHz	217 Hz (pulse)	9 V/m	Pass
5500 MHz	217 Hz (pulse)	9 V/m	Pass
5785 MHz	217 Hz (pulse)	9 V/m	Pass

Table 12 Electromagnetic Immunity

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should ensure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level
Conducted RF IEC 61000-4-6 Radiated RF IEC 61000-4-3	3 Vrms 150 kHz to 80 MHz 3 V/m 80 MHz to 2.5 GHz	3 Vrms 3 V/m

Electromagnetic environment - guidance

Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.

Recommended separation distance

$d = 1.2\sqrt{P}$

$d = 1.2\sqrt{P}$ 80 MHZ to 800 MHz

$d = 2.3\sqrt{P}$ 800 MHz to 2.5 GHz

where **P** is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and **d** is the recommended separation distance in meters (m).

Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. [a]

Interference may occur in the vicinity of equipment marked with the following symbol: 

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a. Field strength from fixed transmitters, such as base stations for radio (cellular / cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3V/m.

18.0 HIPAA Privacy Statement

THIS NOTICE DESCRIBES HOW MEDICAL INFORMATION ABOUT YOU MAY BE USED AND DISCLOSED AND HOW YOU CAN GET ACCESS TO THIS INFORMATION.

The Health Insurance Portability & Accountability Act of 1996 ("HIPAA") is a federal program that requires that all medical records and other individually identifiable health information used or disclosed by us in any form, whether electronically, on paper or orally, are kept properly confidential. This Act gives you, the patient, significant new rights to understand and control how your health information is used. "HIPAA" provides penalties for covered entities that misuse personal health information.

Uses and Disclosures

Treatment. Your health information may be used by staff members or disclosed to other health care professionals for the purpose of evaluating your health, diagnosing medical conditions, and providing treatment. Payment. You health information may be used to seek payment from your health plan, from other sources of coverage, or from credit card companies that you may use to pay for services. For example, your health plan may request and receive information regarding the medical condition being treated. Health care operations. Your health informationmay be used, as necessary, to support the day-to-day activities and management of Daavlin. For example, information on the equipment you received may be used to support budgeting and financial reporting, and activities to evaluate and promote quality. Law enforcement. Your health information may be disclosed to law enforcement agencies to support government audits and inspections, to facilitate law-enforcement investigations, and to comply with government-mandated reporting.

Other uses and disclosures require your authorization. Disclosure of your health information or its use for any purpose other than those listed above requires your specific written authorization. If you change your mind after authorizing a use or disclosure of your information, you may submit a written revocation of the authorization. However, your decision to revoke the authorization will not affect or undo any use or disclosure **of information that occurred before** you notified us of your decision to revoke your authorization.

Individual Rights

You have certain rights under the federal privacy standards. These include: • The right to request restrictions on the use and disclosure of your protected health information • The right to receive confidential communications concerning your medical condition and treatment • The right to inspect and copy your protected health information • The right to amend or submit corrections to your protected health information • The right to receive an accounting of how and to whom your protected health information has been disclosed • The right to receive a printed copy of this notice

Daavlin is required by law to maintain the privacy of your protected health information and to provide you with this notice of privacy practices. We are also required to abide by the privacy policies and practices that are outlined in this notice. As permitted by law, we reserve the right to amend or modify our privacy policies and practices. These changes in our policies and practices may be required by changes in federal and state laws and regulations. Upon, request, we will provide you with the most recently revised notice.

You may generally inspect or copy the protected health information that we maintain. As permitted by federal regulation, we require that requests to inspect or copy protected health information be submitted in writing. If you would like to submit a comment or complaint about our privacy practices, you can do so by sending a letter outlining your concerns to: Daavlin, P.O. Box 626, Bryan, Ohio 43506 Phone 419-636-6304 If you believe that your privacy rights have been violated, you should call the matter to our attention by sending a letter describing the cause of your concern to the same address. You will not be penalized or otherwise retaliated against for filing a complaint. You many also use the above name and address to contact us for further information concerning our privacy practices. THIS NOTICE IS EFFECTIVE ON OR AFTER JANUARY 22, 2009

Patient Responsibilities:

To ensure the finest care possible, you must understand your role in your health care. As a customer of Daavlin, you are responsible for the following:

1. To provide complete and accurate information at all times, including but not limited to: Insurance Information and any/all Insurance changes; up to date name, address, and telephone numbers; up to date Medical information including diagnosis, physician information, changes in status or need, etc.
2. To request additional assistance or information on any issue with your order that you don't fully understand.
3. To notify Daavlin when encountering any problems with your medical device.
4. To notify Daavlin of denial and/or restriction of the Daavlin privacy policy.

Patient Bill of Rights:

As an individual receiving medical devices from Daavlin you have the following rights:

1. To select those who provide your medical devices.
2. To be provided with legitimate identification by any person or persons entering your residence to provide delivery services or maintenance of your medical device.
3. To be provided with adequate information from which you can give your informed authorization for the commencement of your order, the continuation of your order, the transfer of your order to another provider, or the termination of your order.
4. To be advised, before the order is shipped, of the extent to which payment for the medical device may be expected from Medicare/Medicaid, insurance, or your liability for payment, billing cycles and changes in payment.
5. To have your privacy respected at all times and to be treated with respect, consideration, and recognition of dignity and individuality.
6. To express concerns or grievances or recommend modifications to your home care service without fear of restraint, interference, coercion, discrimination, or reprisal. You may contact any of the following organizations with grievances: Ohio Medicare (800) 589-7337 Ohio Medicaid (800) 324-8680 #2 ACHC (919) 785-1214
7. To expect that information received by Daavlin will be kept confidential and shall not be released without written authorization.
8. The right to review Daavlin's Privacy Practices
9. To receive the appropriate customer service in a professional manner without discrimination

19.0 Medicare Standards:

MEDICARE DMEPOS SUPPLIER STANDARDS

Note: This is an abbreviated version of the supplier standards every Medicare DMEPOS supplier must meet in order to obtain and retain their billing privileges. These standards, in their entirety, are listed in 42 C.F.R. 424.57(c).

1. A supplier must be in compliance with all applicable Federal and State licensure and regulatory requirements and cannot contract with an individual or entity to provide licensed services.
2. A supplier must provide complete and accurate information on the DMEPOS supplier application. Any changes to this information must be reported to the National Supplier Clearinghouse within 30 days.
3. An authorized individual (one whose signature is binding) must sign the application for billing privileges.
4. A supplier must fill orders from its own inventory, or must contract with other companies for the purchase of items necessary to fill the order. A supplier may not contract with any entity that is currently excluded from the Medicare program, any State health care programs, or from any other Federal procurement or non-procurement programs.
5. A supplier must advise beneficiaries that they may rent or purchase inexpensive or routinely purchased durable medical equipment, and of the purchase option for capped rental equipment.
6. A supplier must notify beneficiaries of warranty coverage and honor all warranties under applicable State law, and repair or replace free of charge Medicare covered items that are under warranty.
7. A supplier must maintain a physical facility on an appropriate site. This standard requires that the location is accessible to the public and staffed during posted hours of business, with visible signage. The location must be at least 200 square feet and contain space for storing records.
8. A supplier must permit CMS, or its agents to conduct on-site inspections to ascertain the supplier's compliance with these standards.
9. A supplier must maintain a primary business telephone listed under the name of the business in a local directory or a toll free number available through directory assistance. The exclusive use of a beeper, answering machine, answering service or cell phone during posted business hours is prohibited.
10. A supplier must have comprehensive liability insurance in the amount of at least $300,000 that covers both the supplier's place of business and all customers and employees of the supplier. If the supplier manufactures its own items, this insurance must also cover product liability and completed operations.
11. A supplier must agree not to initiate telephone contact with beneficiaries, with a few exceptions allowed. This standard prohibits suppliers from contacting a Medicare beneficiary based on a physician's oral order unless an exception applies.
12. A supplier is responsible for delivery and must instruct beneficiaries on use of Medicare covered items, and maintain proof of delivery.
13. A supplier must answer questions and respond to complaints of beneficiaries, and maintain documentation of such contacts.
14. A supplier must maintain and replace at no charge or repair directly, or through a service contract with another company, Medicarecovered items it has rented to beneficiaries.
15. A supplier must accept returns of substandard (less than full quality for the particular item) or unsuitable items (inappropriate for the beneficiary at the time it was fitted and rented or sold) from beneficiaries.
16. A supplier must disclose these supplier standards to each beneficiary to whom it supplies a Medicare-covered item.
17. A supplier must disclose to the government any person having ownership, financial, or control interest in the supplier.
18. A supplier must not convey or reassign a supplier number; i.e., the supplier may not sell or allow another entity to use its Medicare billing number.
19. A supplier must have a complaint resolution protocol established to address beneficiary complaints that relate to these standards. A record of these complaints must be maintained at the physical facility.
20. Complaint records must include: the name, address, telephone number and health insurance claim number of the beneficiary, a summary of the complaint, and any actions taken to resolve it.
21. A supplier must agree to furnish CMS any information required by the Medicare statute and implementing regulations.
22. All suppliers must be accredited by a CMS-approved accreditation organization in order to receive and retain a supplier billing number. The accreditation must indicate the specific products and services, for which the supplier is accredited in order for the supplier to receive payment of those specific products and services (except for certain exempt pharmaceuticals).
Implementation Date - October 1, 2009
23. All suppliers must notify their accreditation organization when a new DMEPOS location is opened.
24. All supplier locations, whether owned or subcontracted, must meet the DMEPOS quality standards and be separately accredited in order to bill Medicare.
25. All suppliers must disclose upon enrollment all products and services, including the addition of new product lines for which they are seeking accreditation.
26. Must meet the surety bond requirements specified in 42 C.F.R. 424.57(c). Implementation date- May 4, 2009
27. A supplier must obtain oxygen from a state- licensed oxygen supplier.
28. A supplier must maintain ordering and referring documentation consistent with provisions found in 42 C.F.R. 424.516(f).
29. DMEPOS suppliers are prohibited from sharing a practice location with certain other Medicare providers and suppliers.
30. DMEPOS suppliers must remain open to the public for a minimum of 30 hours per week with certain exceptions.

20.0 Symbols

The following table lists all of the symbols located on the device along with their meaning:

Table 13 Symbols

SYMBOL	DEFINITION	SYMBOL	DEFINITION
	DANGEROUS VOLTAGE		SERIAL NUMBER
	NON-IONIZING RADIATION		ALTERNATING CURRENT
	PROTECTIVE EARTH (ground)		DATE OF MANUFACTURE
	OPERATING INSTRUCTIONS		"℞ only" Caution: Federal law restricts this device to sale by or on the order of a physician
	KEEP DRY		CAUTION: UV EMITTED FROM THIS DEVICE. EYE OR SKIN IRRITIATION MAY RESULT
	CAUTION, CONSULT ACCOMPANYING DOCUMENTS		RECYCLE: ELECTRONIC EQUIPMENT
	MEDICAL DEVICE		WEAR GOGGLES DURING TREATMENT
	MANUFACTURED BY		EMERGENCY STOP FOR OPTICAL RADIATION

21.0 Indications for Use

The Phothera 600 LT and Phothera 400 LT Phototherapy Devices are indicated for use to treat diagnosed skin disorders such as but not limited to, psoriasis, vitiligo, and atopic dermatitis (eczema) under the direction of a physician. The population may range from pediatric to geriatric.

22.0 Essential Performance

The essential performance of the Phothera 600 LT and Phothera 400 LT is defined as follows:

- Lamps must activate when a treatment is initiated
- Lamps must deactivate when a treatment is completed

The device must operate according to the Essential Performance. If the device does not operate according to the Essential Performance, contact Phothera Customer Support.

23.0 Warranty

23.1 Limited Warranty Policy

Table 14 Warranty Periods

Product	Warranty Period
New Equipment	1 Year
Remanufactured Equipment	90 Days
Lamps	90 Days

This Limited Warranty is provided to the original purchaser (the "Purchaser") of the Phothera device (the "Equipment"). Phothera warrants Equipment to conform with the Equipment specifications and be free from defects in material and workmanship during the device Warranty Period. No warranty is made as to useful lamp life or as to reduction in ultraviolet output due to any cause. PHOTHERA MAKES NO OTHER WARRANTIES OF ANY KIND WHATSOEVER TO PURCHASER OR ANY THIRD PARTIES WITH RESPECT TO THE EQUIPMENT AND HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

23.2 Warranty Coverage

This Limited Warranty applies only to Equipment or components found to be defective due to materials and workmanship. This Limited Warranty does not apply when Equipment is purchased for the purposes of renting commercially to customers for home use. This Warranty does not apply to any Equipment which has been used, repaired or altered outside the factory in any way so as to affect the design, or operated in any way other than in accordance with our operating instructions. The Limited Warranty does not apply to Equipment failure or damage caused by shipping or customer abuse, misuse, or accident, incorrect customer installation, improper electrical service, lack of proper maintenance, and Acts of God. This Limited Warranty does not extend to repairs made necessary by use of parts or accessories not recommended by the manufacturer. Phothera shall not be responsible for any indirect, incidental, special, punitive, or consequential damages of Purchaser. Phothera does not provide end support for Microsoft Windows software installed on PCs that are part of a Phothera phototherapy system. PURCHASER'S SOLE REMEDY UNDER THIS LIMITED WARRANTY IS REPAIR OR REPLACEMENT OF THE EQUIPMENT.

23.3 Customer Responsibility

In the event that warranty service is requested, the Purchaser must reasonably cooperate with Phothera to verify the warranty claim of the Purchaser, including conducting minor diagnostic work. Failure to participate in diagnostic work may result in being charged for on-site service calls. The Purchaser must allow Phothera, at Phothera's option, to inspect the Equipment or component parts on request.

23.4 Warranty Service

No returns of equipment are allowed outside of warranty service under RMA authorization after 30 days. During the warranty period, Phothera will, at Phothera's option, repair or replace any Equipment or components that appear to have been defective in material or workmanship, with new or remanufactured materials. Phothera may require the return of merchandise claimed to be defective for its examination and shall be the sole judge as to whether material is in fact defective under the terms of this Limited Warranty. In such situations, Phothera will cover freight expenses in the continental USA to ship products covered under warranty both to and from Phothera's servicing center if the product fails during the first three months. If the product fails after three months during the warranty period, the customer is responsible for in-bound freight charges while Phothera pays freight charges back to the Purchaser. All Equipment ships ground unless the Purchaser covers costs for expedited shipping. Phothera is not responsible for any delays occurring during transport of the Equipment.

During the term of the Limited Warranty, Phothera will, at Phothera's option, arrange for a qualified service technician to repair or replace any defective systems or components as covered in accordance with the terms and conditions of this Limited Warranty. It will be at Phothera's sole discretion whether subcontractors or Phothera employed technicians will perform the required warranty service work. However, this Limited Warranty will be declared null and void if non-qualified technicians perform any repair or maintenance on the Equipment unless prior written authorization has been obtained from Phothera. Even with Phothera's authorization, Phothera shall not be responsible or liable for any such work (in or out of warranty). Phothera reserves the right to bill for labor, expenses, and services for requested "warranty" service trips which result in work not covered by this Limited Warranty. This may include, but is not limited to, a tripped circuit breaker, an unplugged device, or a blown fuse.

23.5 Disposal

Dispose of the device and lamps in accordance with local regulations for electronic equipment and mercury-containing lamps.

23.6 Other Services

Extended warranties are available and may be purchased from Phothera's aftermarket sales department.

In the event that this Limited Warranty conflicts with other warranties included in Phothera's Equipment manual, the terms and conditions of this Limited Warranty shall prevail.

23.7 Contact Information

24/7 Customer Support: Support.Phothera.com

Website: www.phothera.com

205 W. Bement Street
PO Box 626
Bryan, Ohio 43506 USA

23.7.1 Additional Accessories

To purchase additional accessories, visit shop.phothera.com/support/home, or simply scan this QR code to be taken directly to the shop to purchase additional UV protective goggles, cleaning wipes, etc.

SCAN TO SHOP