

USER MANUAL

LED ROTATING PHOTOTHERAPY PANEL

GY-P1280

USER MANUAL



*Please read these instructions carefully, use the product correctly, and keep them properly.

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FOREWORD

Dear Customer: First of all, thank you for your trust in and use of the LED phototherapy equipment produced by our company.

To help you quickly familiarize yourself with the equipment's operation before first use, we have prepared this detailed user manual.

To improve the performance and reliability of the equipment, we will continuously upgrade the product (including hardware and software). If we make any modifications to the product (both hardware and software), we will notify you promptly via official channels.

The content of this user manual is protected by copyright law. No part of this user manual may be reproduced, transcribed, translated, or distributed in any form without the prior written permission of our company.

IMPORTANT NOTICE

Please read the "Safety Information", "Precautions", and "Special Warnings" sections in the manual carefully.

If you encounter problems or need assistance during use, please contact our technical service center promptly for help. We will provide you with technical support or arrange professional technical experts to serve you.

Proper use helps extend the service life of the equipment, ensuring it can be fully utilized.

Abnormal operation of the equipment may cause damage to the equipment itself or related personnel. Our company shall not be liable for any personal injury, equipment damage, or deterioration in the equipment's performance, reliability, safety, or other indicators resulting from your failure to follow this user manual during use. Any malfunction caused by the user's failure to comply with this manual will void the product warranty.

SAFETY INFORMATION AND PRECAUTIONS

SAFETY INFORMATION

1. The following persons are prohibited from using this equipment: those allergic to red light, those who have used photosensitizers within the past 72 hours, patients with relevant contraindications, and those with active bleeding, shock, or internal organ damage.
2. After the first use, observe whether any red light allergic reaction occurs. If not, continue the treatment according to the treatment plan.
3. Please remove contact lenses before use.
4. When using the equipment, you must wear the dedicated goggles (eye masks).
5. Do not wear jewelry before use.
6. This equipment is not intended for the treatment of benign skin lesions (such as warts, spots, or moles) or congenital skin dysplasia.

PHOTOSENSITIVITY TEST

Before using the red light therapy cabin, it is recommended to perform a photosensitivity test first: Place your arm 10 cm away from the equipment and irradiate it for 5 minutes. If redness, swelling, or discomfort occurs within 24 hours after the test, a photosensitivity reaction may be present. It is strongly recommended that you consult a doctor before using the equipment further.



IMPORTANT REMINDER:

Although phototherapy is very safe, before using any phototherapy equipment—especially if you have a specific disease (such as photosensitive diseases, cancer history) or are taking photosensitive drugs—please be sure to consult a doctor or professional for advice.



PRECAUTIONS

Please read the following instructions carefully.

- This instrument shall only be operated by professionally trained personnel in designated scenarios. Untrained personnel are prohibited from operating this instrument.
- Please use the dedicated transformer and power socket (provided by the manufacturer) that match the equipment's specifications to ensure normal operation.
- Persons with local sensory impairment are generally not recommended for infrared therapy (as they may fail to detect potential skin irritation or burns).
- When performing infrared therapy on skin grafts or scarred areas, extra care must be taken.
- Infrared therapy is generally not suitable for use within 24 to 48 hours after an acute trauma occurs, as it may cause swelling and pain.
- When performing infrared therapy, attention should be paid to protecting the eyes.
- Do not use industrial alcohol, acidic cleaners, or alkaline cleaners to wipe the equipment.
- Do not use the product in a high-temperature or high-humidity environment.
- Do not use multi-function adapter sockets.
- Never use this product in an environment containing flammable or explosive substances (such as alcohol-based disinfectants or flammable gases) to avoid the risk of fire or explosion.
- Please unplug the power cord and stop using the equipment in the following situations:
 - *Any discomfort occurs during use (please stop the treatment immediately).
 - *Smoke, sparks, or other potential safety hazards appear on the circuit.
 - *Damage to the power circuit or power socket.

(For any problems, please contact the after-sales customer service personnel.)

Note: For your safety and to avoid accidents, please be sure to comply with the above precautions. Our company shall not be liable for any damage to the rotating phototherapy panel or any accidents caused by failure to comply with the above precautions.

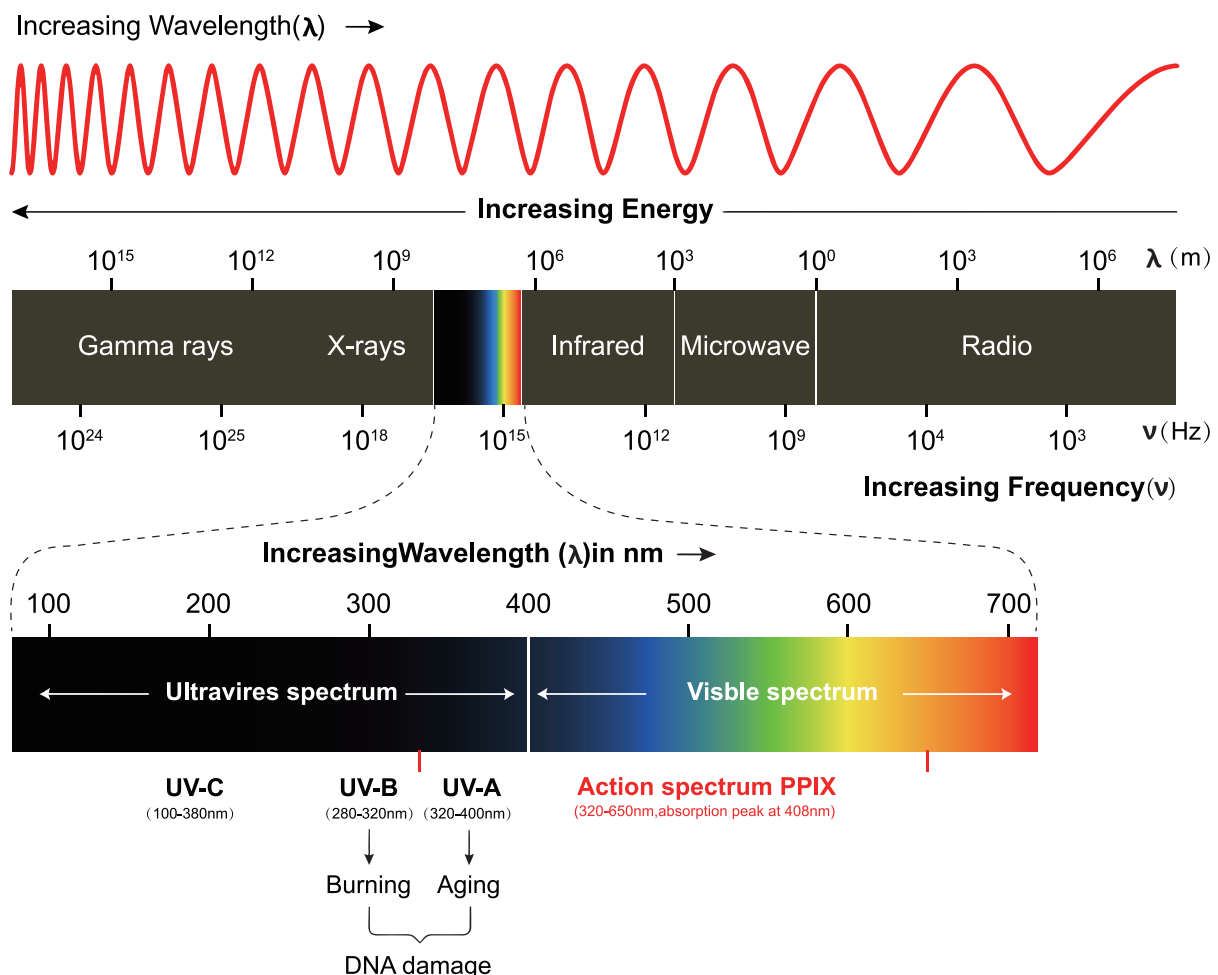
WELCOME TO THE RED LIGHT THERAPY FAMILY

We are very much looking forward to your joining and can't wait to witness the excellent effects of red light and near-infrared light therapy for you.

Red light can penetrate the human epidermis and reach the deep dermis, which is the production base of collagen, elastin, and other important proteins. Red light photons are absorbed by cells and converted into energy; this conversion in turn stimulates the synthesis of collagen, elastin, and adenosine triphosphate (ATP), thereby providing sufficient energy for cell activities. This therapy not only enhances skin oxygenation and promotes blood circulation but also repairs damaged tissues and improves skin texture by increasing collagen production and oxygenation.

The mechanism of red light therapy mainly acts on the "energy factory" in cells: the mitochondria. When cells obtain more sufficient energy, various functions will be efficiently improved, including skin repair, accelerated cell regeneration, and promotion of skin revitalization. Specifically, after light of a specific wavelength is absorbed by cells, it can effectively stimulate cell activity.

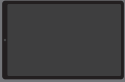
The photo below shows various types of light that affect the operation of our cells.



EQUIPMENT SPECIFICATIONS

Channel	☐ Dual channels ☐ Four channels	Number of LEDs	1280 PCS
LED Service Life	100000 hours	Power Adjustment	1-100%
Power Supply	☐ 110V ☐ 220V	Pulse Adjustment	1-20000 Hz
Output Power	1500W	Time Adjustment	1-30minutes
Irradiance	100-300mw/cm2	Net Weight of Equipment	105.4kg

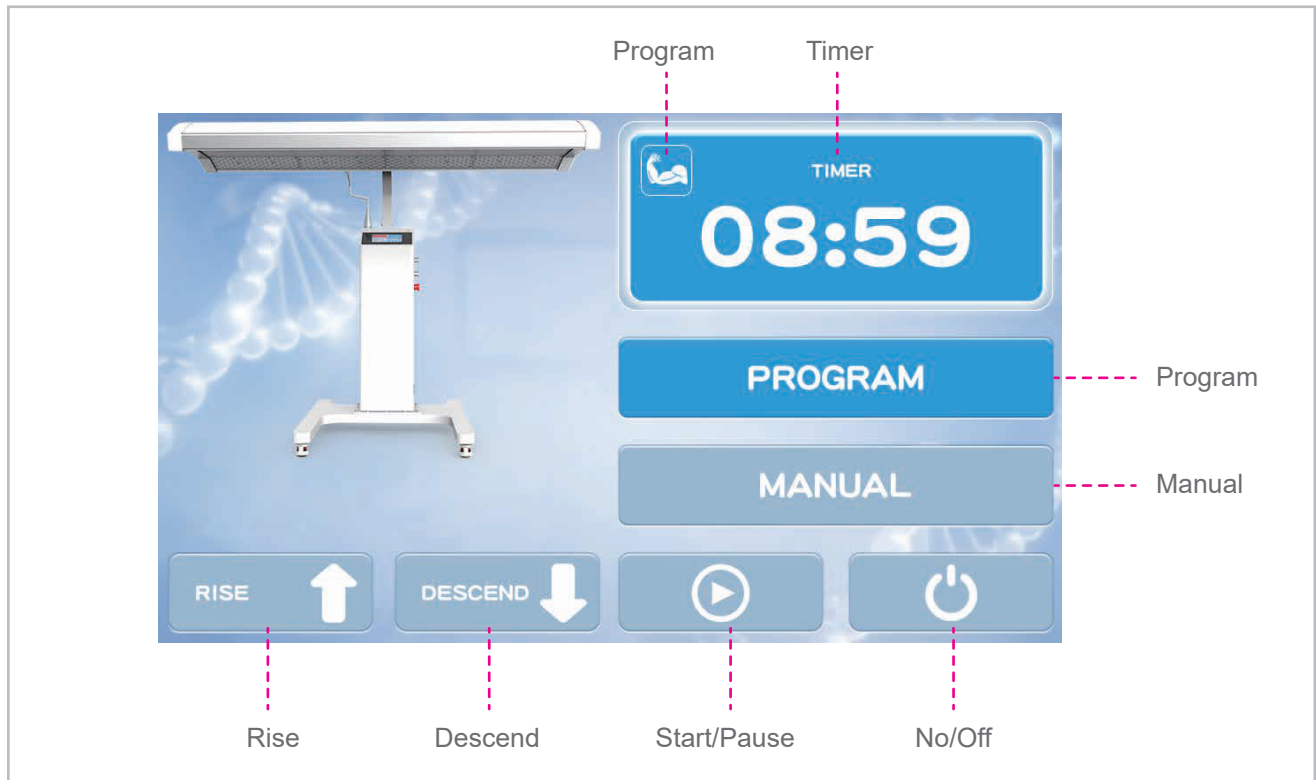
PARTS LIST

Component pictures	Name	Qty
	Phototherapy Main Unit	1
	Light Panel Body	1
	Base	1
	Tablet Controller	1
	Connection Cable	1
	Power Cable (EU/UK/USA)	1
	Rotating Shaft	1
	Caster Wheels	4

Component pictures	Name	Qty
	Goggles	2
	User Manual	1
	Hexagon Socket Wrench	4
	Phillips Screwdriver	2
	Spec: M6*16mm Hexagon Socket (Shaft Screw)	2
	Spec: M6*12mm Hexagon Socket (Caster Screw)	16
	Spec: M10*20mm Hexagon Socket (Base Plate Screw)	4
	Spec: M8*10mm Hexagon Socket Ball Plunger Set Screw	3
	Spec: M8*12mm Hexagon Socket Set Screw	4

DETAILED PRODUCT DESCRIPTION

CONTROL PANEL FUNCTION DIAGRAM



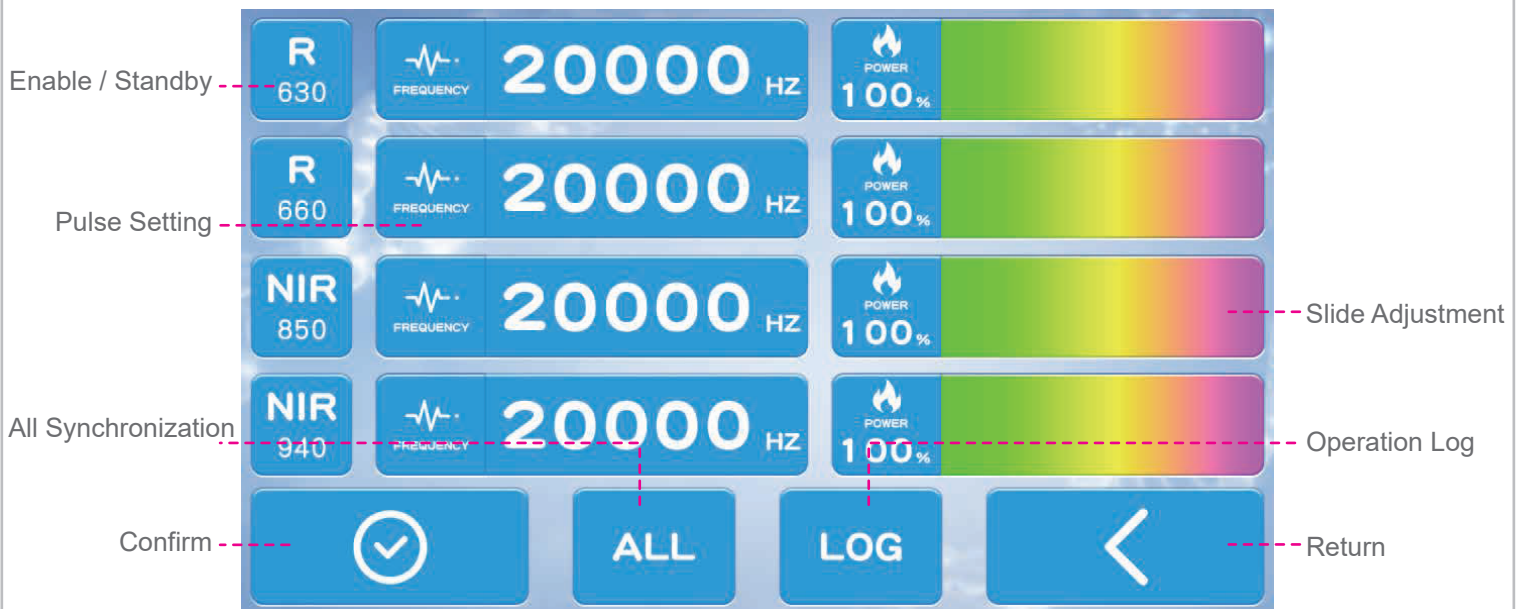
Key Function Description	Active Status	Standby Status	Function Analysis
			Single click to turn on or off
			Single click to turn on or off; - In the running state, single click to pause, and another click to resume
			Machine Up Control Button: Press once for continuous upward movement
			Machine Down Control Button: Press once for continuous downward movement
			Single click to set the treatment time (range: 1~30 minutes)
			Single click to enter manual setting mode
			Single click to enter the built-in program
			After single click, input a value in any input box, and other items will follow synchronously
			Single click to enter the operation log; view total usage time and usage count

PROGRAM



There are 6 preset modes: Sleep Mode, Slimming Mode, Skincare Mode, Exercise Mode, Relaxation Mode, and Bone Repair Mode.

MANUAL



With manual setting, you can freely adjust the values of power and pulse. The pulse value ranges from 1 to 20000. Click on the number to pop up the small keyboard for input. The power value ranges from 10% to 100%, and can be adjusted by sliding.

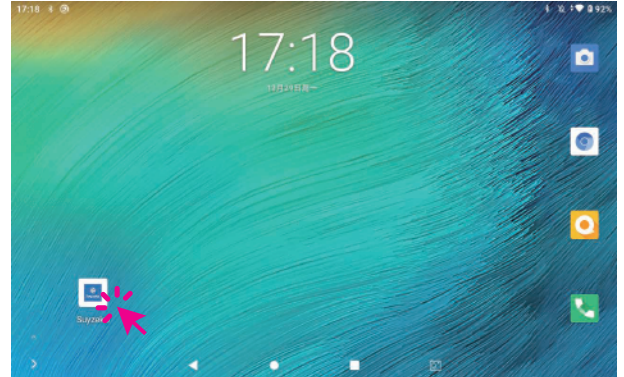
Note: When the power is adjusted to 100%, the led light is continuous wave with full power, so there is no frequency function and no flicker

FUNCTION OPERATION AND TABLET CONNECTION

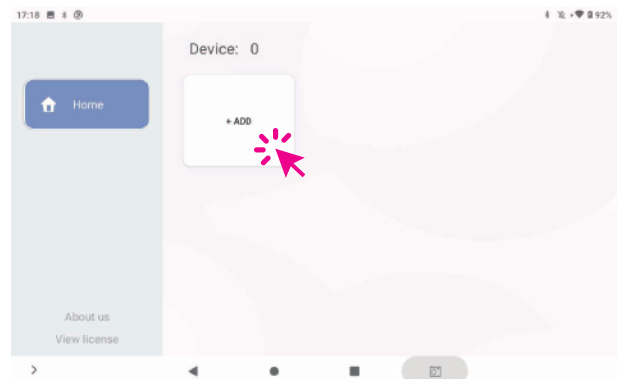
To ensure a smooth connection, please complete the following preparations first:

- Make sure that the try again.) has sufficient battery power and that the bluetooth function is enabled.
- Confirm that the device to be connected has been powered on.

1. Press and hold the power button on the side of the tablet controller to turn it on. After entering the main screen, find and click on the "Suyzeko" application icon to enter the control program.



2. After entering the APP, click the "+ADD" button on the home page of the APP to enter the mode for adding bluetooth devices.

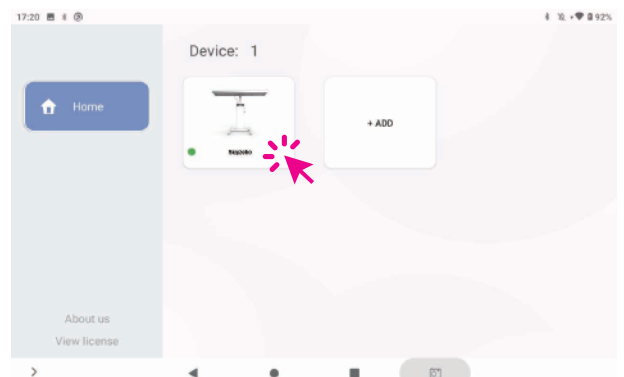


3. The application will automatically switch to the bluetooth search interface. Locate the device named "Suyzeko" in the list and click on its name to establish the connection. When the binding confirmation prompt box appears on the screen, click "OK" to complete the pairing.



(If no device is found, please scroll down the device list to refresh. Please ensure that the device is powered on and in a discoverable state. If necessary, you can restart the device or restart bluetooth of tablet controller and try again.)

4. After returning to the main interface of the APP, the connected devices will be displayed in the list. Click on the name of the device to enter the control panel, where you can set the functions or perform real-time operations.



5. On the main page of the Control Panel, click the "PROGRAM" button to enter the built-in program library.



6. The program library has preset 6 professional modes: Sleep Mode, Body Shape Mode, Skin Mode, Muscle Mode, Relax Mode, and Skeleton Mode. Click on any mode name to select it. To return, you can click the " < " back button at the top left corner of the screen.



7. After selecting the mode, return to the main control panel. You will then see the time preview for the corresponding mode.

Click the ON/OFF button on the panel, and the device will start working according to the selected mode.

During the operation, simply click this button again to pause or terminate the current program.



8. During the operation of the device, you can adjust the height of the machine's panel using the electric support:

Click "Rise" or "Descend" to continuously raise or lower the panel.



9. On the main interface of the control panel, click the "Manual" button to enter the manual setting mode. In this mode, you can customize the settings for the device channels, power and frequency.



10. It is divided into a dual channels or a four channels adjustment interface. Taking the four channels adjustment interface as an example, there are functions for turning on/off, as well as settings for power and frequency.



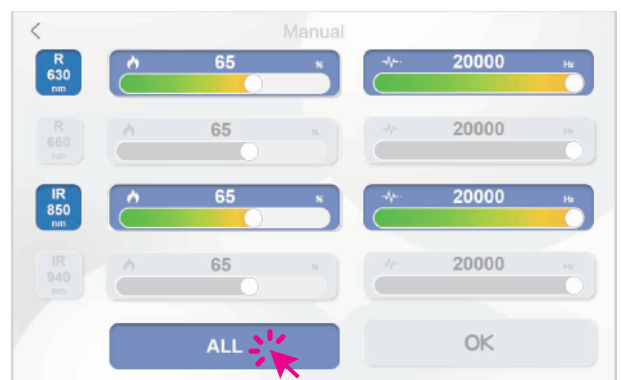
11. Taking the 630nm and 850nm dual channels as an example: Clicking on the corresponding channel button will enable it, and clicking again will disable it. Each channel can be operated independently without affecting the others.



12. The interface is equipped with a "ALL" synchronization button, which is used to quickly and uniformly adjust the parameters of multiple channels.

Please note:

(After clicking "ALL", only the power, frequency and other numerical settings of each channel will be synchronized, but the power status of opening or closing the channels will not be synchronized. The switches of each channel still need to be operated independently.)



13. After completing the manual settings, click "OK" to save the settings. The interface will automatically return to the main operation interface.



14. Before clicking the ON/OFF button, you can still click the channel switch button on the left side of the interface to control the on/off status of each channel separately.

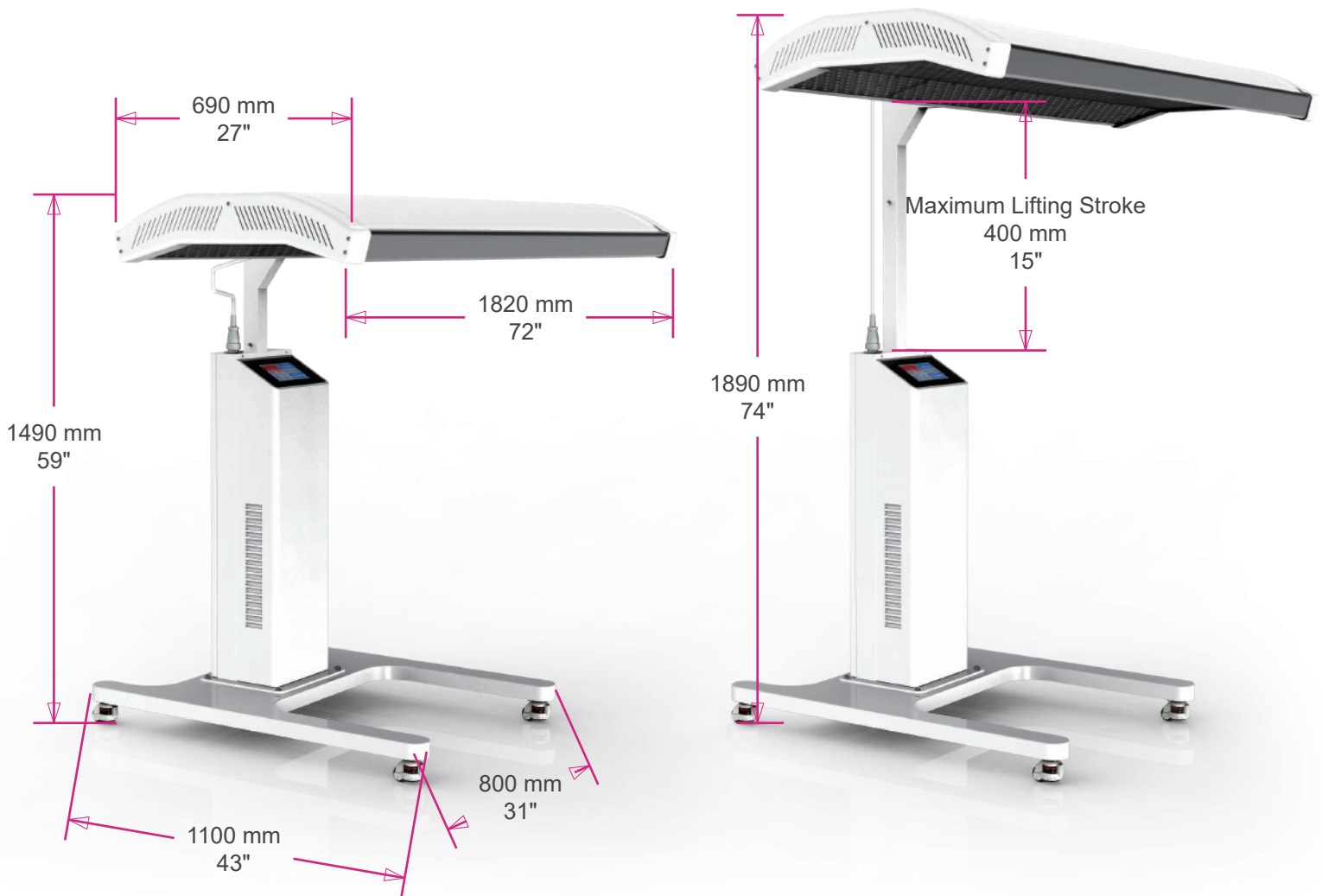
15. After confirming that the channels and parameters are set correctly, click the ON/OFF button on the control panel. The device will then start working according to the currently selected mode or settings.

While the device is running, click the "Run" button again to stop the current program at any time. Click the "..." in the top right corner for more information.

PRODUCT COMPONENTS

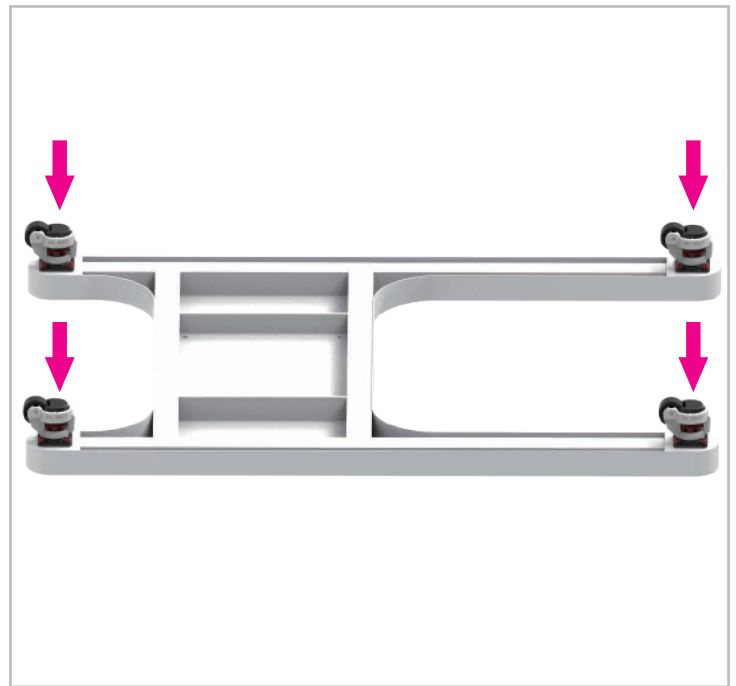
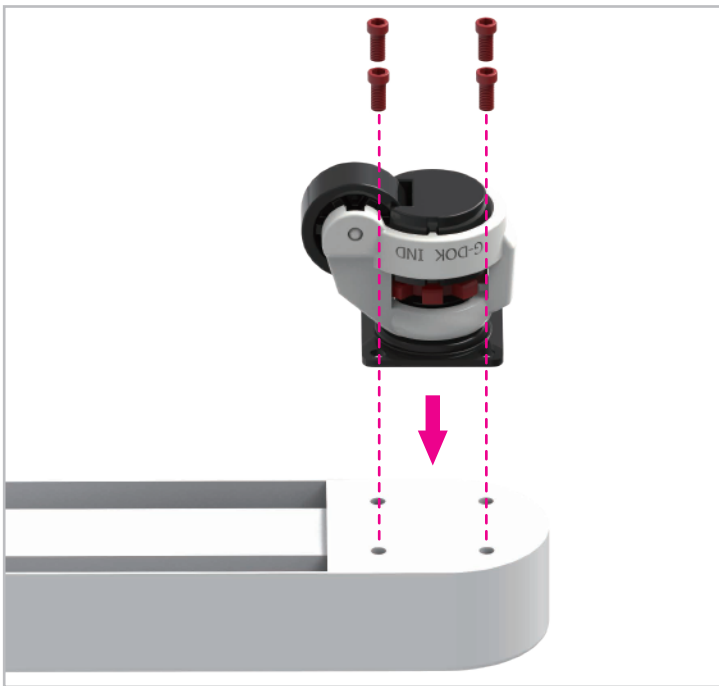
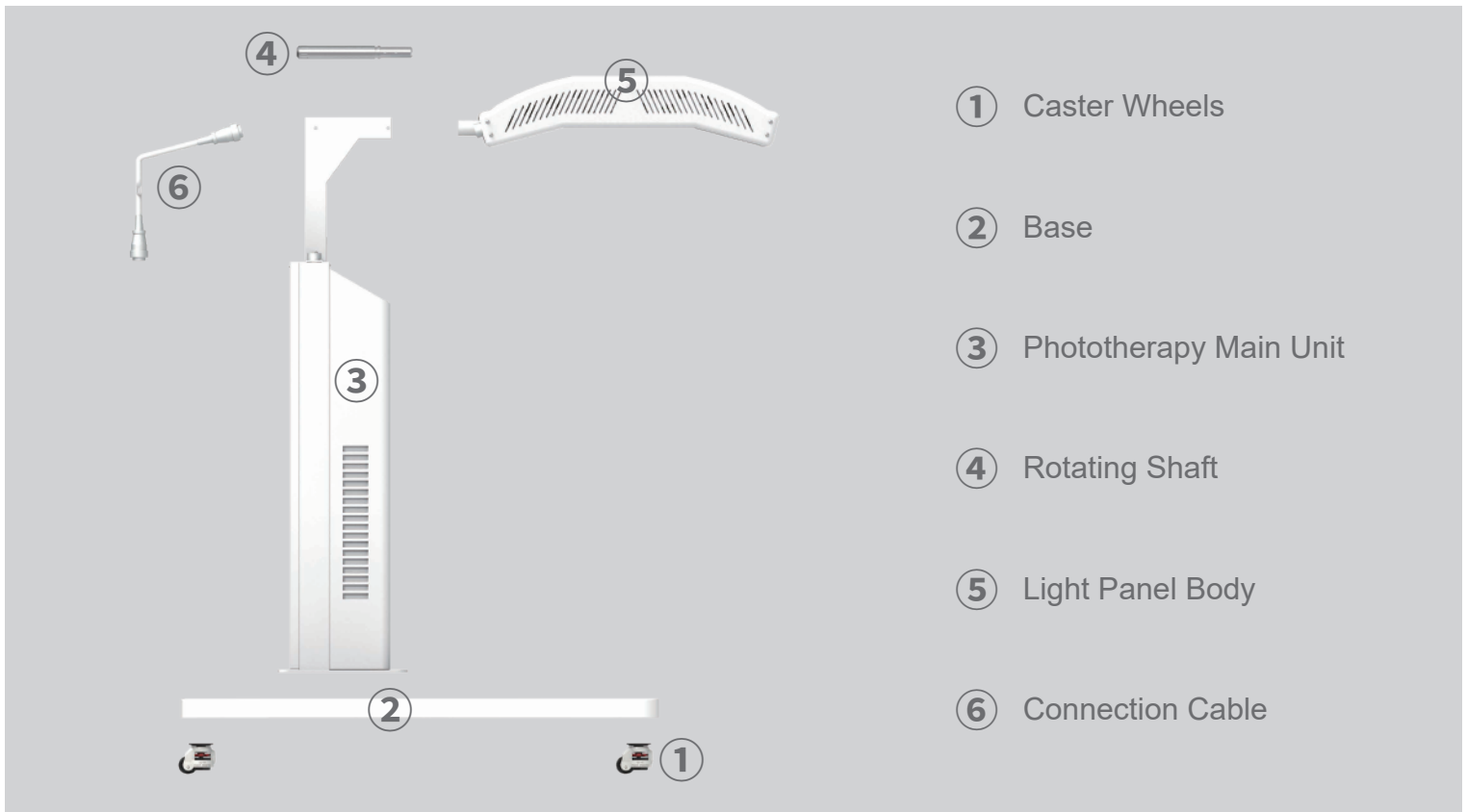


PRODUCT DIMENSIONS

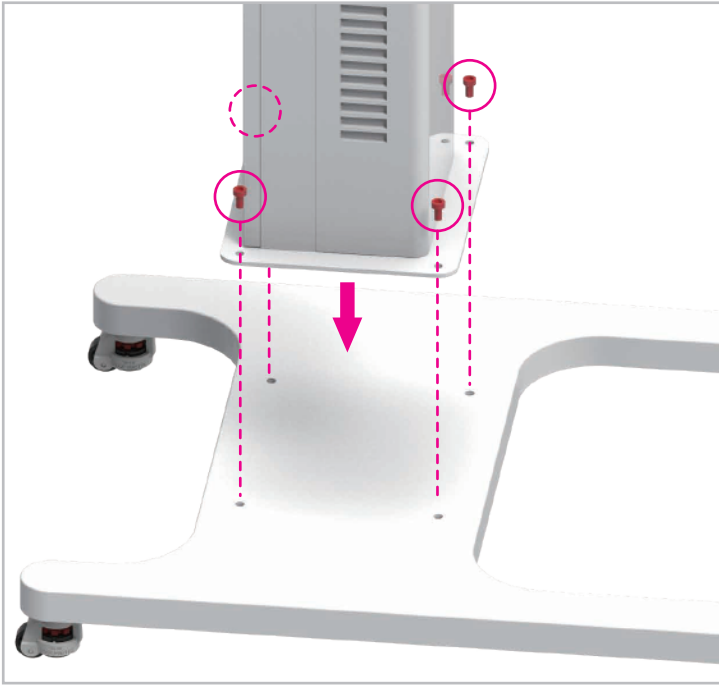


*The above values are obtained through manual measurement, with an error of 1 to 2 cm. Your understanding is appreciated.

INSTALLATION DIAGRAM

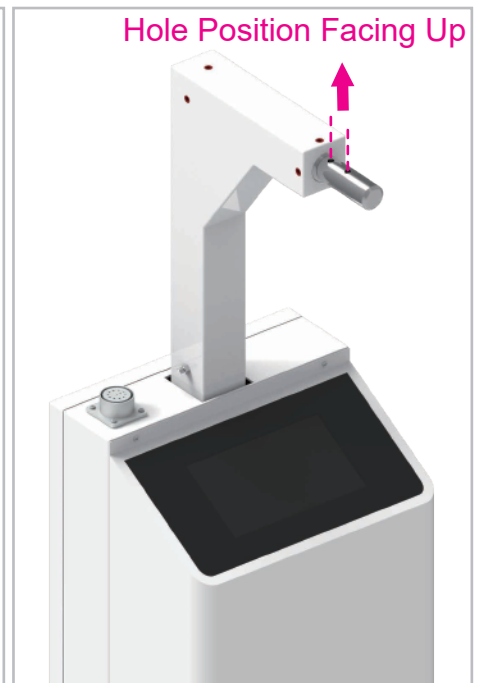
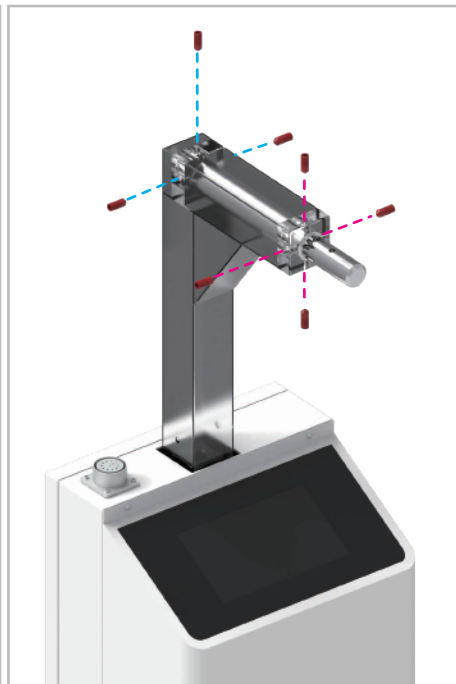
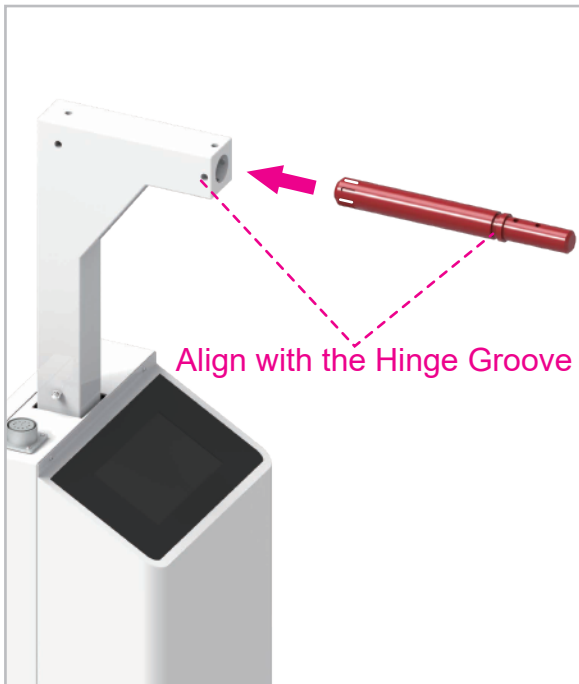


1、Unpack the package, take out the machine Base and 4 Caster Wheels. Turn the Base upside down and place it flat. Use 16 hexagon socket screws (M6*12mm) to fix and install the 4 Caster Wheels at the four installation positions of the Base Plate respectively.

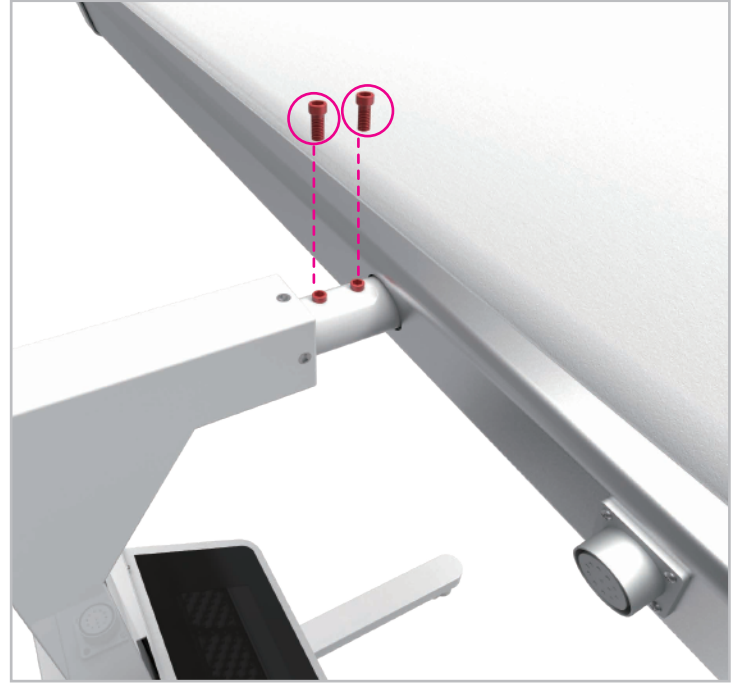


2、 Install the Base and Phototherapy Main Unit: Align the screw holes on the Base Plate with those on the Phototherapy Main Unit, and fix them firmly with 4 hexagon socket screws (M10*20mm).

Note: Be careful during installation—the Touch Display Screen should face the longer end of the Base.



3、 Install the Rotating Shaft: First, insert the Rotating Shaft into the hole of the Lifting Rod, ensuring the screw holes on the Rotating Shaft face upward and align with the holes on the Lifting Rod. Then take 4 hexagon socket set screws (M8*12mm) and align them with the grooves of the Rotating Shaft (installation is impossible if not aligned with the grooves) for preliminary fixation. Finally, use 3 hexagon socket ball plunger screws (M8*10mm) to fasten the colored marked groove at the rear of the Rotating Shaft.



4、 Take out the Light Panel Body, place it parallel to the Rotating Shaft of the Phototherapy Main Unit, align it with the screw holes, and fix it with 2 hexagon socket screws(M6*16mm).



5、 After assembling the main components, take out the Connection Cable and connect the Phototherapy Main Unit to the Light Panel Body. After the connection is completed, connect the power cable to the power supply—then the machine can be turned on for use.

APPLICATION SCENARIOS



Gyms



Beauty Salons



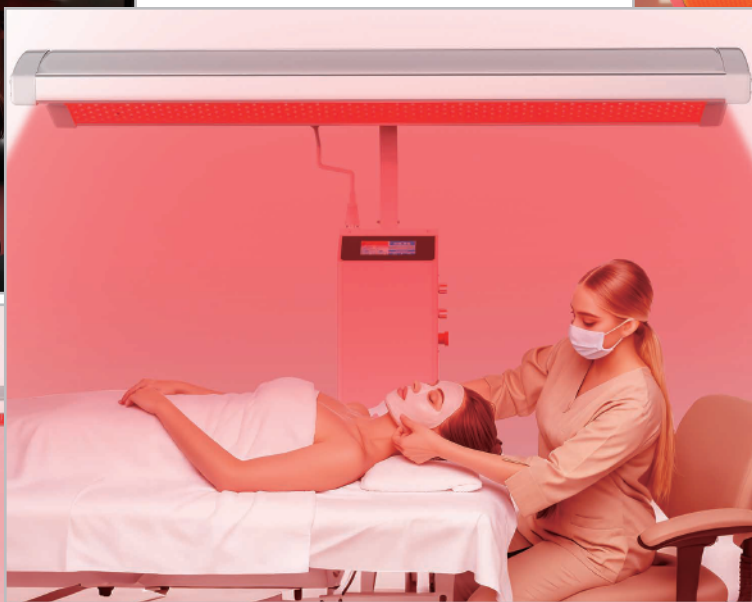
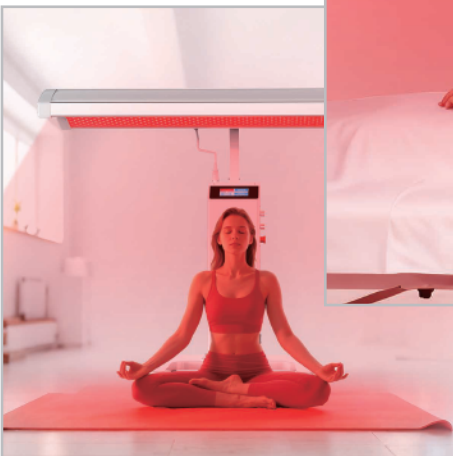
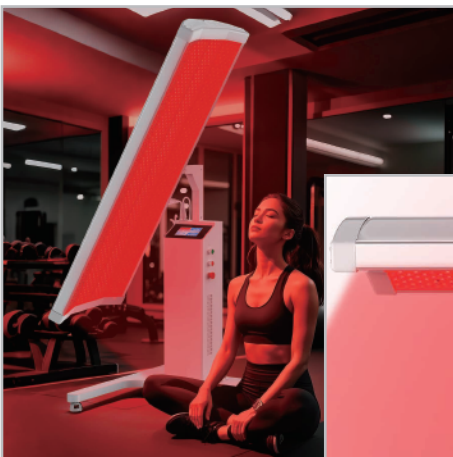
Households



Medical Institutions



Rehabilitation Centers



WARRANTY CARD

Our company provides a 1-year free warranty (covering free repair or replacement of defective parts due to manufacturing errors) from the date of purchase, as well as lifetime paid maintenance service (details available upon request).

Product Name: _____ Product Serial Number: _____

Purchase Date: _____ Manufacturing Date: _____

Customer Name: _____ Contact Phone Number: _____

Purchase Location: _____

Customer Address: _____

Fault Description: _____
