

Advanced 7-Wavelength LED PDT Machine with Touchscreen Display (SKU24805)



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Functions of 7 color PDT LED Light Therapy Machine

Colors	Descriptions	Applications
Red 640nm+/-5nm	Red light can enhance the cells activity, promote cells metabolism, make skin excrete large number of collagen protein and fibre tissue to fill on their own; accelerate blood circulation, increase skin elasticity.	Eczema, withered and yellowish skin, wrinkles, vitiligo etc. Accelerate blood circulation, activate skin tissues, repair damaged skin, tendering skin and dispel crinkles, tighten pore, and proliferate collagen protein.
Blue 480nm+/-5nm	Purest blue light have effects of restrain inflammation. Also Has a calming effect and helps us sleep better.	Calm Increase synthesizing of protein and collagen Useful to sensitive, oily skin and pimples.
Green 520nm+/-5nm	Stands for natural vigour and is the most calming color, symbolizing hope and satisfaction. Green is synonymous with spiritual balance and harmony. It can ease strain, relax and relieve stress.	Balance Normalize sebaceous glands Reduce black heads and sores
Purple 420nm+/-5nm	Restrain the desire to eat. Bactericidal and anti-inflammatory. It is a combination of red and blue.	Renew skin, reduce wrinkles, especially useful in treating and repairing acne and acne-scars.
Orange 590nm+/-5nm	Makes us feel cheerful and generates the body, activating the cell tissue and metabolism. Enhance lymphatic detox therapy.	Detox Whiten, decompose pigment, and smooth scars.
Turquoise 450nm+/-5nm	Has a calming effect. It is a combination of blue and green.	Defense Strengthen the ability to protect of skin itself. Calm down, release stress, and cure sunburn
Yellow 570nm+/-5nm	Balanced cells electric charge and oil secretion	Guide/Balance Help skin to absorb nutrients, and anti-aging

PRODUCT ADVANTAGE

- The cascade of five light panels achieves adjustable angles between the light panels and flexibly changes the spotlight of illumination.
- Test the weight matching of the support arm, light plate, and host to avoid rollover.
- Adopting ergonomic design, the irradiation height can be freely raised and lowered without excessive adjustment.
- Seven color bands of light, maximizing the satisfaction of different spectral application scenarios.
- High definition IPS LCD screen control, clear display, strong sense of technology, convenient customization.
- High energy density, meeting basic nursing needs.
- Strict 24-hour continuous work and factory aging to ensure product quality.

PRODUCT PARAMETERS

- **Main box specifications :** 97*30*24cm 9.7KG
- **Secondary chassis specifications :** 53*39*24cm 6.8KG
- **working voltage :** 110V/220V compatible
- **maximum power :** 150W

DAILY MAINTENANCE

A、 Daily maintenance

1. The appearance of the instrument shall be clean, beautiful, free of oil dirt, etc. and shall not be scrawled on the instrument surface (neutral detergent can be used on the instrument surface once a week, and attention shall be paid to prevent the liquid from penetrating into the machine.
2. The interior of the instrument shall be kept clean to prevent dust, oil stain and water from entering, so as not to affect the service life of the instrument.
3. There is a metal interface on the outside of the instrument and equipment, so pay more attention to cleaning; In case of dryness or dirt, wipe it with lubricating oil in time to avoid rusting and difficult connection.

B、 Storage method and service life:

1. The storage ambient temperature is within the range of 5 °C ~40 °C, so as to avoid damaging the motherboard without timely internal heat dissipation of the instrument.
2. Avoid direct sunlight and store in an environment with relative humidity <80%.
3. It is stored in the atmospheric pressure range of 70kpa~106kpa.
4. The service life of instrument components shall be replaced according to the number of times used and the number of times the instrument components can be used.

Note: all instruments newly introduced to the factory must be placed in a well ventilated area for more than 30 minutes after arrival, and should not be immediately turned on for operation, especially in humid areas in the south, as excessive humidity can have a negative impact on power control and may cause abnormal operation after the factory has tested and arrived at the store.





Warning: shut down and unplug the power cord before maintaining the instrument. Maintenance of the equipment may cause personal injury to users or system damage to the equipment.

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CAUTION

- a. During the use of this device, maintain a regular routine, exercise appropriately, eat a light diet (avoid spicy and stimulating), and feel happy. At the same time, increase the amount of water consumed by more than 1/3 compared to usual. It is recommended to supplement foods rich in VC, E, and high-quality foods or suitable health foods appropriately.
- b. It is prohibited to directly look at any type of light emitted by this device with your eyes, especially blue light, which can damage your vision. When shining on the face, it is recommended to wear ink and purchase separate shading and dizziness accessories.
- c. Patients with allergic skin diseases should be cautious in conducting small-scale tests in concealed skin locations, and only use them on a large scale if there is no allergy.
- d. If any discomfort occurs during the use of this product, it should be immediately stopped for recovery. When using it again, the principle of short-term and frequent exposure should be followed, and it can only be used normally after the body gradually adapts.
- e. This machine should be placed in a cool, dry, well ventilated area and not easily accessible by children. It is prohibited to place it in environments with sunlight, humidity, high temperatures, strong acids, strong oxidizing agents, and strong dust. It is also prohibited to spray water on the instrument; Do not operate this machine with water.
- f. When using this device, please keep a certain distance from other electrical appliances, away from strong magnetic interference and flammable and explosive materials (gasoline, diesel, fireworks, etc.).B. To clean this machine, please gently wipe it with a wrung dry wet towel. Do not use strong acid or strong acid chemical reagents for cleaning. The steps of the sewing yard can be cleaned with a soft brush.

INSTRUCTION

- Connect the power cord and press the power switch on the back of the machine. The instrument is in a standby state, and the power button on the front of the host is in a red light state.
- Press the power button located on the front of the host to start the system. The power button is in blue and enters the operation interface to start normal operation.
- Press the "R" key to select the red light mode. You can set the working time and the energy intensity of the light output, and start working when you press the "START" button. If you need to switch to another lighting mode, press the "START" button again to pause the current lighting mode, and then select another lighting mode in the left functional area of the screen. The other lighting modes B/G/O/Y/P/C operate the same as the red light mode.
- Press the time  key to increase the time by 5 minutes: You can continuously increase the time to 30 minutes. After selecting the current time and performing other operations, the system will start working at the current set working time.
- Press the time  key to reduce the time by 5min: You can continuously reduce the time to 5min. After selecting the current time and pressing the time, other operations will start working at the current set working time.
- Press the energy  button: the energy increases by one gear: it can continuously increase to three gears. After selecting the current gear, pressing the Start button will start working at the current set energy intensity.
- Press the energy  button: Energy or less than 1 gear: You can select the current gear continuously or as little as 1 gear, and then press "Start" to start working at the current set energy intensity.

TOUCHSCREEN DISPLAY

