

User Manual

LT-110D



Preface

Dear users:

We're pleased to present to you the 7 colors LED Photon device LD-110D that adopts the nanotechnology, targeting at facial fine lines, skin dullness, poor absorption of nutrients and so on. We aim at a safe and, at the same time, effective beauty result by using high-end technologies. LED Photon device is specialized skin care machine for professional use, which needs to be handled by professionals with proper training. Any improper use will result in adverse consequences. Therefore we advise any personnel read this guide thoroughly and follow the instructions strictly before operation.

We believe our quality product will bring in good returns on your end. Also, you can count on our worry-free after-sales service.

Thank you!

Table of Contents

Preface
Part I
Brief Introduction
Advantages
Principles
Main Effects
Applicable Range
Inapplicable Range
Notes after Operation
Part II
1. Detailed Operations
2. Technical Parameters
3. Safety Precautions
4. Dos and Don'ts
5. Troubleshooting & Solutions
6.FAQs
7.Packing List
8.Operational Diagrams

Part I

Brief Introduction

LED Photon rejuvenation beauty machines are currently the most popular beauty machines that work on skin rejuvenation, acne removal, wrinkle removal, dark spots removal, and skin calming and repair. It's an effective replacement of all large LED photon rejuvenation and skin care treatment. It's convenient and easy to operate. It solves both face and neck management issues for beauty-lovers. This equipment requires no injection, no medication, no operation, thus having no side-effects. It is used externally during the whole process and has an immediate effect. LED photon skin rejuvenation beauty devices can activate deep cells, accelerate cell growth, stimulate fiber cell tissue to produce collagen, so as to achieve the beauty results of refining skin, fading fine lines, brightening skin and whitening skin.

Advantages

1. Multi-functional LED color light beauty device can effectively solve various facial skin problems.
2. 7 color LED lights can be used for different needs of skin rejuvenation.
3. Simple, convenient, fast, safe and effective, no side effects.
4. 7 color wave physiotherapy can purify and whiten skin and protect skin deeply and evenly.
5. Professional beautification saves time, saves labor, saves money, and the effect can be comparable to that of beauty salon.
6. The special LED color light is very stable and will not cause damage to the skin.
7. Adopt 7 nanotechnology light waves give skin a unique light feeling.
8. Different light penetrates into the skin at different depths and has different effects.

Principles

It adopts photodynamic principle to activate deep cell, let skin carry on metabolism better. Light is absorbed by the skin, light energy is converted to energy in cells, accelerate the growth of cells, accelerate blood circulation, stimulate fiber cells to produce collagen, increase skin elasticity, to repair the aging cells, acne skin, fade spots, firm and alleviate the sun burns skin and so on nursing plays an important role in effective relaxation and aggrandizement capillary and photochemical reaction enzymatic reaction with the skin, increase glycogen and protein content, so as to promote cell metabolism and synthesis.

Red LED: 640NM, reach into skin 1-6mm. Red LED of specific wavelength heats up skin bottom, activates collagen regeneration, accelerates skin's micro circulation, increase skin elasticity, leaving skin rosy, smooth, young and has less wrinkles. Promote the regeneration of skin cells and activate active ingredients.

Blue LED: 423NM, reach into skin 1mm. Blue LED of specific wavelength shrinks pores, calm skin, fight acne, balance sebum production, quickly lock in moisture and essence, leaving skin more elastic.

Diminish skin inflammation, fight bacteria, fight acne.

Green LED: 532NM, reach into skin 0.5-2mm. Green LED of specific wavelength helps to calm, repair skin, relieve pain, and promote blood circulation. It is suitable for those with thin corneum, and who are prone to allergy and redness.

Yellow LED: 583NM, reach into skin 1-2mm. It can add energy to skin cells, promote the role of glands, assist digestion, treat skin diseases, enhance immune function, accelerate blood circulation, effectively repair red marks, red spots, relieve swelling, pigmented spots, and is suitable for removing spots and brightening.

Purple LED: 640NM+423NM, dual frequency of red and blue LED. It combines the efficacy of two kinds of phototherapy and has a particularly good and repair effect especially for the treatment of acne and acne marks.

Turquoise LED: 423NM+532NM, dual frequency of green and blue LED. It gradually enhance cell energy, and works great on metabolism.

Hybrid LED: 640NM+423NM+583NM. It reaches deep into skin, accelerated metabolism of active cells, decompose pigments, reduce fine lines, tight skin. It can also relax skin, balance sebum production and control oil secretion.

Main Effects

1. Calm skin and balance oil secretion.
2. Fade fine lines and whiten skin.
3. Fade wrinkles and pigmented spots.
4. Promote collagen formation and repair damaged skin.
5. Improve uneven facial skin tone, dull and sallow skin.
6. Destroy propionic acid bacillus, and fight inflammation.
7. Calm and relieve pain, promote blood circulation.

Applicable Range

1. Those with coarse skin, and exuberant oil production.
2. Those with dull skin and uneven skin tone.
3. Those whose skin is prone to be flushing and burning hot.
4. Those whose skin is prone to acne of all sorts and inflammation at the bottom.
5. Those with thin layer of corneum and compromised skin barrier.
6. Those with fine lines, wrinkles, pigmented spots and poor absorption of nutrients.

Inapplicable Range

1. Those with severe sensitive skin or who's during the allergic phase.
2. Those with nose prothesis.
3. Those with large area of facial wounds.
4. Those who are pregnant, or those with serious heart disease, severe "3 H" (hypertension, hyperglycemia, hyperlipidemia), or other serious illness.
5. Those with skin diseases and infectious diseases.
6. Those who are sensitive or allergic to lights.

Notes after Operation

1. Stay hydrated and use sun protection.
2. Avoid smoking, drinking, staying up late; Eat more fruits, vegetables and less greasy food.
3. Apply a hydrating mask everyday the first three days after treatment.

Part II

1. Detailed Operation

Working interface is as follows:



Time Display (Recommended operation is between 10 to 20 min)



On/Off



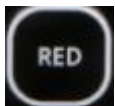
Increase & Decrease of Time



Fan



Different LED Lights



Red LED is suitable for those with coarse, dull skin with fine lines.



Green LED is suitable for those with sensitive and sallow skin.



Blue LED is suitable for those with sensitive skin and acne-prone skin.



Yellow LED is suitable for those with thin skin, pigmented and dull skin.

2. Technical Parameters

Power:32w

Color: As Pictures Show

Technology: PDT led lights skin care

Wavelength: Red-620nm, yellow-590nm, green-520nm, blue-465nm,

Ten Output mode: M1 - M10

Time selection: 1-60 minutes

Input voltage: 100-240VAC, 50/60Hz

Power per light: 0.01mw

Brightness: Red 3000-4000mcd, yellow 3500-4500mcd, green 7000-8000mcd, blue 4500-5500mcd

3. Safety Precautions

Patients with the following symptoms should be cautious about using this instrument.

Please consult a doctor or a professional before using the instrument. The details are as follows:

7. Those with severe sensitive skin or who's during the allergic phase.
8. Those with large area of facial wounds.
9. Those who are pregnant, or those with serious heart disease, severe "3 H" (hypertension, hyperglycemia, hyperlipidemia), or other serious illness.
10. Those with skin diseases and infectious diseases.
11. Those who are sensitive or allergic to lights.

4.Dos and Dont's

1. Use a grounding pin and make sure the power socket of the device is properly connected before each operation.
2. Ensure that the voltage of the device is appropriate. If the voltage of the local power supply is unstable, we recommend that users increase to the matching power voltage.
3. In order to ensure the therapeutic effect and normal service life expectancy of the device, please use the specified accessories provided or recommended by the original manufacturer.
4. The device should not be placed in wet environment or near water, nor should they be directly exposed to sunlight.
5. Do not place the device near a strong heat source, because this may affect the life and normal use of the device.
6. Before treatment, please remove all metal objects from the body first, so as to avoid unexpected conditions and influence the curative effect.
7. Please restrain from using the device on eyes, thyroid, parathyroid, testicles, abdomen of pregnant women, and pacemakers.
8. Patients who are suffering from illness should consult with a doctor and gain permission from the doctor before using.
9. Please turn off the power switch of the device, and ensure that the total power supply of the device is turned off before the staff leaves after daily use, so as to ensure the safety of the electrical products.
10. Use device or train device operators in strict accordance with instructions in the user manual.
11. Clean the instrument with normal saline after operation to ensure its cleanliness and hygiene and prolong its service life.
12. LED photon skin rejuvenation beauty device can be used alone or coupled with essence and mask beauty device, bringing better beauty results.
13. Wear protective goggles before LED photon skin rejuvenation beauty treatment.
14. The ideal time for the LED photon skin rejuvenation device is between 15 to 30 min.
15. LED photon skin rejuvenation device can be used together with any treatment or machines.

5. Troubleshooting & Solutions

1. The instrument cannot be started, but the key light on the back of the instrument does not work?

- A. Make sure the power cord is connected to a valid power socket.
- B. If the above methods cannot be addressed, please contact the instrument dealer for assistance.

2. No light flash?

- A. Check whether the wires are loose.
- B. If the above methods cannot be addressed, please contact the instrument dealer for assistance.

6. FAQs

1. Q: When can I start seeing results of LED photon skin rejuvenation?

A: Everyone absorbs LED light to a different extent. It varies based on one's physical condition, age, skin condition, diet, drinking and smoking and so on. Under normal circumstances, you should start seeing results in 4-8 weeks. Some people started seeing results in 1-3 week while for some people it might take 9-11 weeks, which is rare but not impossible.





2. Q: Does LED photon skin rejuvenation treatment help fight my acne?

A: Yes. Special blue wavelength LED help shrinks pore, balance sebum production, diminish skin inflammation, fight acne of all sorts. Lights of different wavelength have different effects. Choose the LED light tailored to your own needs.

7. Packing List

- 1x Main Machine (3 pieces)
- 2x Protective eyewear
- 1x Power cord
- 1x User Manual

8. Operational Diagrams



Parameter Adjustment	Product	Techniques	Diagrams
Skin Rejuvenation: 30 min, 2-3 times/week			
<p>Time: 10-20 min</p> <p>Mode: Red LED</p>	<p>Makeup remover+ Face wash+ Blackhead export liquid+ Base facial mask+ Cleaning scrubber+ Hydro spray jet+ Facial mask+ Device</p>	<ol style="list-style-type: none"> 1. Remove makeups and clean, 5 min. 2. Apply toner, 1 min. 3. Apply blackhead export liquid+hot steam (on large pores or clogged area, and toner on cheeks; for sensitive skin it is not recommended to do so but apply toner+cold steam) 5-8 min. 4. Facial cleaning scrubber operation: drench cotton pad in water and pat on face, then tilt the scrubber at a 45°angle and slowly move around the face; start with nose and double the treatment if needed on nose, 3-6 times. 5. Start from chin, brace the skin in lines to keep the treatment surface tight, 3-6 times. 6. Do the same on the other side. 7. Brace the skin vertically towards hairline on forehead, 3-6 times. 8. Clean face, 2 min. 9. Apply hydrating base mask. 10. Clean face, 2 min. 11. Pour (hydrating)essence into the 	<p>Technique 5</p>  <hr/> <p>Technique 7</p>  <hr/> <p>Technique 12</p>  <hr/> <p>Technique 13</p>  <hr/>

		<p>hydro bottle(with the proportion of essence: distilled water being 2:1), 2 min.</p> <p>12. Hydro spray jet operation: start from chin to earlobe, then from mouth corner to ear gate. Move in parallel lines, meanwhile brace the skin with the free hand to keep the treatment surface tight, 2 times.</p> <p>13. Move vertically towards hairline on forehead, meanwhile brace the skin with the free hand to keep the treatment surface tight, 2 times.</p> <p>14. Apply facial mask.</p> <p>15. Put on protective eyewear for the customer, then place the device parallel above the customer's face.</p> <p>16. Connect the wires and hit the switch.</p> <p>17. Click to start, adjust time, LED mode, and wait for 10-20 min.</p> <p>18. Disconnect the wires, remove the device and protective eyewear.</p> <p>19. Clean face, 2 min.</p> <p>20. Apply toner, essence, cream and sunscreen.</p>	
--	--	--	--

Recommended treatment:

10 treatments account for one full course. After one treatment, skin is full hydrated, clean, and translucent. After a full course, skin absorbs better with less oily appearance. After two courses, skin is refined, smooth, glossy, hydrated, and has less fine line. Three courses help skin remain at the current state and prevent skin aging.

Acne Treatment: 45 min, 2-3 times/week

<p>Time: 10-20 min</p> <p>Mode: Blue LED</p>	<p>Makeup remover+ Face wash+ Cleaning scrubber+ Facial mask+ LED skin rejuvenation beauty device+ High frequency device+ Acne removal essence</p>	<ol style="list-style-type: none"> 1. Remove makeups and clean, 5 min. 2. Apply toner on the whole face. 3. Drench cotton pads in blackhead export liquid and apply them on T zone, coupled with hot steam, 5-8 min. 4. Cleaning Scrubber operation: Wet face with cotton pads and make sure skin stay moist the entire times. 5. Start from the chin, move the probe slowly upwards in 45°angle, 3-5 times. 6. Brace the skin vertically towards hairline on forehead, 3-5 times. 7. Double the operation on nose area if needed. 8. Clean face. 9. Apply acne removal essence. 10. Use high frequency tongue tube to operate on acne (For cystic acne, drain the fluid, then apply acne essence, and finally use high frequency device.) 11. Techniques: Stamp on skin, stay for 2-3 seconds, then move on to the next area, 5-8 min. 12. Put on protective eyewear for the customer and place the photon skin rejuvenation device 	<p>Technique 5</p>  <hr/> <p>Technique 6</p> 
--	--	--	---

		<p>parallel above the customer's face.</p> <p>13. Connect the wires and hit the switch.</p> <p>14. Click to start, adjust time, LED (blue) mode, 10-20 min.</p> <p>15. Disconnect the wires, remove the device, the protective eyewear.</p> <p>16. Clean face, 2 min.</p> <p>17. Apply toner, essence, cream and sunscreen.</p>	
--	--	---	--

Recommended treatment:

10 treatments account for one full course. After one treatment, redness and swelling of acne is relieved. For open acne wound, it helps to fight inflammation and bacteria, heal wound fast. After a full course, sebum production is balanced, and acne occurrence is lessened. Three courses help diminish inflammation, stabilize skin condition, leaving skin smooth.