



# Instructions

---

## MiraMate

Ray Gun·August 2020

Simple ● Convenient ● Effective ● Versatile

Thank you for choosing MiraMate  
Ray Gun.

Ray Gun is MiraMate's next-generation VUV light device, designed to treat many kinds of surface and deep skin issues more effectively and safely. These instructions will help you get the best results from this exciting new product.



## Table of Contents

<b>Brief Overview</b>	<b>2</b>
<b>Parcel Contents</b>	<b>4</b>
<b>Main Structure</b>	<b>5</b>
<b>Operation Instructions</b>	<b>6</b>
<b>Cautions</b>	<b>14</b>
<b>Transportation and Storage</b>	<b>17</b>
<b>Warranty</b>	<b>18</b>
<b>Specifications</b>	<b>19</b>

## Brief Overview

Ray Gun is probably the most useful and safe skin healthcare product on the market today. No other device can do what Ray Gun can do; allow the effects of VUV light to penetrate the skin to kill pathogens without damaging healthy cells. Single-button operation makes Ray Gun very simple to use.








Ray Gun creates VUV light within the gas tube and forms a microscopic secondary ionization layer between the gas tube and the target skin. Current flows between the tube and the target. You can increase this current by placing an earthing pad on the opposite side of the target area. This increases the amount of ozone and nitrous oxide,

and more importantly, allows pathogen-disabling compounds to travel deeper into the body to reach deeper problem areas. All without harming healthy cells.

Ray Gun can benefit humans, pets, and plants. Ray Gun can help with acne, psoriasis, age spots, human malignant melanoma, vitiligo, eczema, persistent itching (pruritus), fungal skin problems such as toe and nail fungus, bacteria or viruses, cutaneous t-cell lymphoma, and other skin issues. In addition to skin problems, Ray Gun can also be used to kill mold spots on walls and mold on plants.



# Parcel Contents

	<b>Ray Gun Main Unit</b>	<b>X 1</b>
	<b>Gas Tube</b>	<b>X 1</b>
	<b>Goggles</b>	<b>X 1</b>
	<b>Power Supply</b>	<b>X 1</b>
	<b>Earthing Pad</b>	<b>X 10</b>
	<b>Earthing Cable</b>	<b>X 1</b>
	<b>User Manual</b>	<b>X 1</b>

# Main Structure

## Ray Gun Diagram



## Power Adapter



# Operation Instructions

## Basic Operation

Fully insert the gas tube carefully into the Ray Gun head. Be careful when installing the gas tube as it is fragile and may break if too much force is applied.



Connect the power adapter into the Ray Gun power socket. Plug the other end of the power adapter into the mains power source. An LED light in the handle will illuminate when Ray Gun receives power.



**Important Note:**

Wear UV protective glasses before using Ray Gun.



Place the tube directly on the problem area, and gently press the trigger for the desired treatment duration. You will hear a high-pitched buzzing noise. Release the trigger to stop the treatment. It is recommended to use Ray Gun for two minutes each time.



## Operation Modes

Depending on the location and type of disease, Ray Gun has three modes for you to choose from:

### Contact Mode

Place the tube directly on the problem area and pull the trigger.



For sensitive skin and small skin problems, it is best to use this mode. The bandwidth of the light is very narrow, with almost no dangerous UV light being produced. VUV light will not harm skin or healthy cells.

### Angle Mode

Place the edge of the tube to touch the skin, and slowly move the tube across the target area.



This mode is recommended for non-sensitive skin. It provides a higher treatment efficiency because an arc will form around the edges. The arc is a form of cold plasma which creates more nitrous oxide and ozone. This mode has higher power than contact mode because the energy is more focused.

## Penetration Mode

This mode uses an earthing pad to increase the power and penetration of treatments. Plug one end of the earthing cable into the earthing port. Plug other end of the cable into the earthing pad.



Place the gun tube directly against the skin. Position the earthing pad on the opposite side of the problem area.

This mode can be used in combination with the other two modes.





### Important Note:

- Place the earthing pad on clean, dry skin. Choose a location which does not have too much hair. If necessary, remove excess hair with a shaver.
- Do not place the earthing pad near the heart or head.  
  
It does not matter how far away the earthing pad is from the problem area.

### Cleaning the VUV Gas Tube

You can remove the tube from Ray Gun and clean the tube using a cloth dampened with alcohol, water, or other cleaning solution. Use a soft cleaning cloth or tissue to dry the tube after cleaning. Make sure the gas tube is completely dry before use.

## Cautions

---

- Avoid use during pregnancy or if you have a pacemaker or other internal electronic devices.
- MRI-safe electronic devices can be used with Ray Gun.
- Do not use if you have epilepsy or light-induced seizures or migraines.
- Do not use if you have a disease related to photo-sensitivity, such as porphyria, polymorphic light eruption, solar urticaria, lupus, etc. These conditions make the skin more sensitive to light, which could make treatment uncomfortable or cause skin swelling, blisters or infection.

- Do not use if you have a history of Keloid scar formation, a known sensitivity to light (photo-sensitivity) or are taking medication that makes the skin more sensitive to light, including non-steroidal anti-inflammatory agents, (e.g., aspirins, ibuprofen, acetaminophen), tetracyclines, phenothiazines, thiazide, diuretics, sulfonamides, DTIC, fluorouracil, vinblastine, griseofulvin, alpha retin-a, accutane and/or topical retinoids.
- Do not shield the ventilation holes during use.
- Wear UV protection glasses during use. Do not look at the light directly or use Ray Gun on your eyes or eyelids.
- Ensure your skin is clean and free of sunblock or skincare products before use.

- Keep Ray Gun away from liquids, and store in a dry location.
- Keep Ray Gun out of reach from children.
- Do not insert metal objects into Ray Gun.
- Do not share Ray Gun if you have a contagious skin disease.
- If Ray Gun becomes wet inside, immediately unplug the power cable and send Ray Gun back to the factory for repair. Do not try to disassemble and repair Ray Gun yourself.

## Transportation and Storage

---

General transportation is acceptable, but strong shocks, vibration, snow and rain exposure should be avoided in transportation. The packed device should be stored in a well-ventilated room with no corrosive gases and humidity levels less than 80% RH.

## Warranty

---

Ray Gun will be replaced or repaired for free within one year from the purchase date if found to be defective and used according to the instructions.

Service and repair is provided after the warranty period. Material and shipping costs will be charged as appropriate.

The warranty does not cover:

- Damage caused by user negligence or product misuse. (For example, scratches, liquid damage or unauthorized replacement of parts).
- Breakdown or damage caused by disassembling.
- Breakdown or damage caused by accident.
- Damage caused by natural disasters.

## Specifications

---

Power: < 5W

Input: AC 100V-240V 50/60Hz

Power Adapter: 12V 2A

Dimensions: 72\*43\*30mm

Color: White