



HR-AS60

Instructions

Warning

Dear users:

Thanks for choosing our company's product, in order to fully make use of the products, we sincerely suggest follow:

- ◆◆ Please read the instruction in detail and keep it well for further reading and consulting.
- ◆◆ Please follow the instruction to fit and operate the machine correctly.
- ◆◆ Please do not remove and change any accessories of the machine.
- ◆◆ It forbids others to open and remove the mainframe except the authorized people in the company.
- ◆◆ It forbids others to change and maintain the machine except the professional people.
- ◆◆ Please contact us if there is any trouble during operation.

After Sale service

◆ We offer ONE YEAR warranty. Within warranty period, all exchanges or replacement due to defects are free. (Buyer is responsible for shipping charges).

If the machine is over warranty, please also do not hesitate to contact us. we will assure you of our best service all the time.

◆ How to contact us?

Phone:(+86) 189 -487-55929

Tel: 0755-86368500

Email: sales@mychway.com

This product does not belong to medical, please don't use for disease treatment!


Table of Contents

1. Introduction to Manual.....	- 1 -
1.1 Purpose.....	- 1 -
1.2 Conventions	- 1 -
2. Medical Safety.....	- 2 -
2.1 Indications for Use.....	- 2 -
2.2 Precaution.....	- 2 -
2.3 Patient Safety.....	- 2 -
3. FEATURES&FUNCTION.....	- 3 -
3.1 FEATURES.....	- 3 -
3.2 FUNCTIONS:.....	- 3 -
4. Control Unit & Handpiece.....	- 4 -
5. PRINCIPLE&OPERATION PROCEDURES.....	- 5 -
5.1 Self- testing page.....	- 5 -
5.2 Operation Menu.....	- 5 -
5.3 Laser probe introduction.....	- 6 -
6. Technical Parameters.....	- 6 -
7. Packing list.....	- 6 -
8. Operation.....	- 7 -
8.1 Before operation.....	- 7 -
8.2 Operation	- 7 -
9. Treatment Knowledge.....	- 9 -
9.2 After Treatment.....	- 10 -
10. Notice:.....	- 10 -

1. Introduction to Manual


1.1 Purpose


This instructions for use manual provides a description of the system components, its controls and displays, instructions for its operation, and other equipment information important to the user


 **Warning:** Do Not operate this machine before reading this manual thoroughly. In addition to this manual,additional clinical training may be available by the company or your local distributor.

For more information on training available please contact your local representative.

1.2 Conventions

 **Note:** Notes designate information of special interest.

 **Caution:** Cautions alert the user to precautionary steps necessary to properly operate the system.Failure to observe these cautions may void the warranty

 **Warning:** Warnings alert the user to information that is of the highest importance

and vital to the safety of the patient and user

All procedures are broken down by numbered steps.Steps must be completed in the sequence they are presented

Bulleted lists indicate general information about a particular function or procedure.They do not imply a sequential procedure.

Control names are spelled as they are on the system,and they appear in Bold text

2. Medical Safety

2.1 Indications for Use

The tattoo removal machine is indicated for use as a non-invasive dermatological aesthetic treatment to:

- Tattoo Removal
- Skin Rejuvenation
- Tattoo eyebrows removal

2.2 Precaution

- Please do not use your eyes to look laser directly ,please use goggles while you using it .
- Must be filled with distilled/ purified water before turn on the machine, if not, the handle will be burnt.
- Check the circuit and water circulation immediately after turn on the machine, and observe the water circulation and circuit during treatment.
- Keep any reflecting things out of the operation room, such as watch, mirror, jewellery
- Keep the lamp clean, and ensure the cool gel would not pollute the lamp.

2.3 Patient Safety



Warning: Use this system only if you are trained and qualified to do so.



Warning: If any problems occur during system operation, ask immediate action(s): lift the transducer off the patient's skin, press the STOP button to

completely halt system operation.

3. FEATURES&FUNCTION

3.1 FEATURES

- With high homogeneity of light spots, uniform energy distribution, consistency of treatment effect, and more secure.
- For all exogenous and endogenous pigments, the effect is more significant
- Short pulse width, with a dedicated laser bar in the industrial field, higher peak power, crushing pigment more thoroughly.honeycomb spot, reduce pain, skin damage is more slight.
- Intelligent water temperature control system: Avoid water temperature is too high, damage the handle.
- The unique shape design and color match make the product more beautiful and fashionable.

3.2 FUNCTIONS:

Using the laser's high-energy instantaneous emission, the irradiated pigment particles absorb energy instantly and break up. Some of them become tiny particles and are excreted. Some of them are swallowed by human macrophages and excreted through the lymphatic system to remove pigment. Because the normal tissue absorbs less laser light at a specific wavelength of the instrument and does not harm normal tissue, it preserves the integrity of the cell frame and never forms a scar. This is a treatment safety that cannot be compared in any other place. To the greatest extent, it guarantees that customers will not suffer from post-treatment complications.

4. Control Unit & Handpiece



Goggles



Goggles



Power supply cord



Funnel



Key & fuses



Foot switch



5.3 Laser probe introduction

1064 laser tip: 1-10 adjustable spot, effectively eliminate dark tattoos, tattoo eyebrows, lips, eyeliner and traumatic pigmentation and freckles.

- 532 laser tip: 1-10 adjustable spot, suitable for the treatment of red or tan tattoos, tattoo eyebrows, lip lines, eyeliner. And can effectively fade the red or brown birthmark and various types of shallow spots. Focusable.
- 755 Tip: The sunburn, freckles, chloasma, age spots, dry spots, dermis spots and other stubborn stains. Red and black and so on.
- 1320 : Skin rejuvenation, shrink pores

6. Technical Parameters

Laser Type: ND:YAG Solid Laser

Laser Wavelength: 1064nm、532nm、755nm

Working frequency: 1--10Hz (Adjustable)

Pulse Width: 6ns

Screen: 10.4-inch true color touch screen

Shell material: ABS plastic + metal

Input Power: 1200W

Language: English

Supply voltage: AC220V; AC110V (Customized)

7. Packing list

Main machine *1

Operation Tips*4

Tattoo removal handle *1

Goggles *2

Foot switch *1

Funnel*1

Power supply Cord*1

Screws &fuses *1

8. Operation

8.1 Before operation

- Install the holder and put the handle on holder
- Connect the handle tightly, both blue part need fit the hole well
- Take out the cover from the affusion and overflow hole



- Put the funnel to the affusion hole
- Add the purified water / distilled water until to the water go out from the overflow hole
- Install the foot switch
- Plug in the power cord
- Press the button to turn on the machine

Note: Affusion and overflow hole must open when using the machine

8.2 Operation

755nm operation

- Adjust the energy to 1.0 or 1.2 first
- Adjust the frequency for 4~6
- Press the standby button
- Install the same tips on the handle

- Laser handle should be perpendicular to treatment area, the distance between probes and the treatment area need be 5-6 cm, press the foot switch to start treatment, move slowly
- Repeat 2-4 times on full treatment area



1064nm Operation

- Turn to the 1064nm tips, 1064nm mainly for removal spots and mole 1064nm
- Adjusting the energy from low to high, recommend start from 0.6
- Adjusting the frequency, recommend for 3
- Press the standby button
- Turn on the red target light function
- Put the handle 3cm to the treatment area, then remove from near to far slowly
- Keep shooting until the mole becoming white or lighter then remove to next treatment area



Black doll Operation

- Turn to the 755nm function, connect the C tip
- Adjusting the energy from low to high, recommend start from 0.4
- Adjusting the frequency, recommend for 3~6
- Press the standby button
- Supply the carbon on the client's treatment area
- Laser handle should be perpendicular to treatment area
- The distance between probes and the treatment area need be 5-6 cm

- Press the foot switch to start treatment, move slowly



9. Treatment Knowledge

9.1 Before Treatment

1、cleansing milk to clean the skin, remove the patient's jewelry. Such as: necklaces, earrings, and other reflective objects.

2、cleansing milk clear supine position, doctors and patients are wearing protective glasses, disinfect the patient's facial skin, according to their skin, skin sensitivity, skin lesions and the depth of the skin to adjust the energy clean skin, remove the patient's jewelry. Such as: necklaces, earrings, and other reflective objects

3、 During the treatment, the physician holds the output of the laser machine and vertically illuminates the surface of the skin. The test is performed with the skin in front of the ear for 2-3 shots. The local reaction is observed for 3-5 minutes. The energy density gradually increases from low to high, and the skin is mild. Redness is the degree. Honeycomb Micro-Pico laser treatment process

4、 and then sweeping the full range of vertical and horizontal at a uniform speed, the lesion area to strengthen the fire, a total of 2-3 times.

The deeper the skin color, the lower the energy density. The lighter the skin, the lighter the energy density.

9.2 After Treatment

1. After the pico laser treatment, because the skin repair process is starting up, and at the same time, in order to prevent the recurrence of the affected area, melanin deposition, etc., it is necessary to prevent sun exposure. When going out, you need to prepare sun shades, apply (sun protection index---SPF ≥ 30 , PA $\geq ++$) sunscreen and avoid any form of exogenous substances to stimulate the wound (such as alcohol and cosmetics containing alcohol) to avoid crowding and pressure. , touch, friction treatment surface. Avoid eating food sensitive foods (such as celery, leeks, parsley, etc.) and photosensitive drugs. Patients with sensitive skin should fast foods that cause skin allergies.

2. After the laser due to increased absorption capacity of the skin, faster metabolism, some patients may have dry skin and water shortages, so postoperative skin care must be carried out to add enough water and nutrition. Some patients may have localized redness after surgery and usually disappear on 24-72 hours without treatment. Very few patients may have crust and purpura. This phenomenon will fall off and disappear within 2 weeks. Keep the wound dry and clean during this period.

10. Notice:

1. For patients with dark skin, when using this instrument, the absorption of the laser light by the skin pigments of the skin will cause slight damage to the epidermis. It is recommended to use the instrument after skin whitening.

2. After laser treatment, the skin will appear red, subcutaneous bleeding and inflammatory reactions, frozen after treatment site, and use of cream to prevent burns and scars.

3. For some pigments containing metal ions (such as iron ions), black chemical substances (such as ferrous oxide) that are not easily absorbed after laser irradiation cause the color of the treatment site to darken, which is caused by the different pigment composition, not the instrument. The quality of the problem itself.

4. The treatment site should be kept clean and dry after treatment to avoid infection.

5. Scabs appear after treatment and should be detached on their own to prevent the bruising caused by artificial force.
6. It is forbidden to continuously irradiate the same part repeatedly during treatment, otherwise the tissue will be damaged due to heat accumulation.