

# Fractional Co2 Laser Vaginal Tightening Machine manual

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## Operating Instructions

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# Notes to users

**Dear users:**

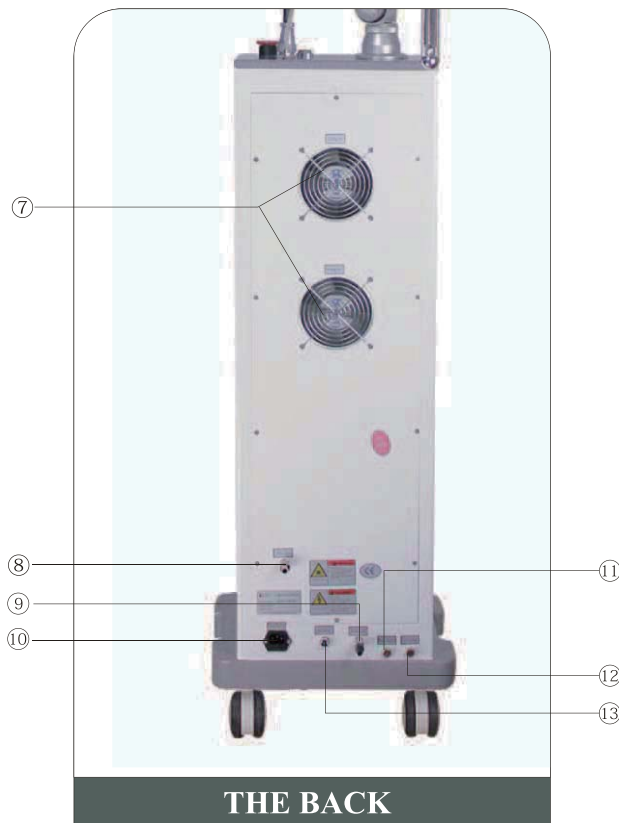
**Thank you for choosing the equipment designed and manufactured by our company, in order to get better effect of the product, below are our sincere advice, pls check:**

- ◆ ◆ Before using the machine, pls carefully read this instruction, and properly keep for future reference.**
- ◆ ◆ Please installation, use and operation the machine according to the requirements of this instruction.**
- ◆ ◆ Please don't disassemble the machine, and also don't change any parts of it.**
- ◆ ◆ Except our company authorized personnel, others to open the machine cover and open the main engine is prohibited.**
- ◆ ◆ Without authorization for repair and renovation is prohibited.**
- ◆ ◆ If there is any problem during operation, pls feel free to contact us.**

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# **INSTRUMENTS MANUAL**

## Parts introduction



1. LED Touch Screen
2. Emergency Stop Button
3. Graphics Scanner
4. Seven Joints Guarding Light Arm
5. Key Switch
6. Thermovent
7. Cooling fan
8. Water Inlet
9. Remote switch
10. Power Socket
11. Water Overflow
12. Water Outlet
13. Foot Switch

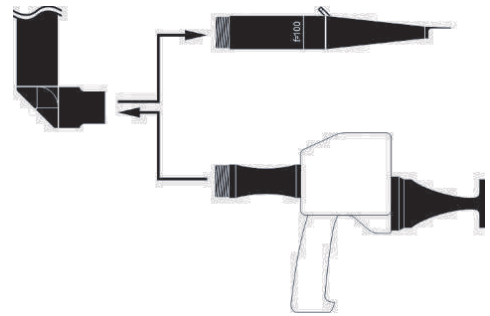
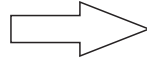
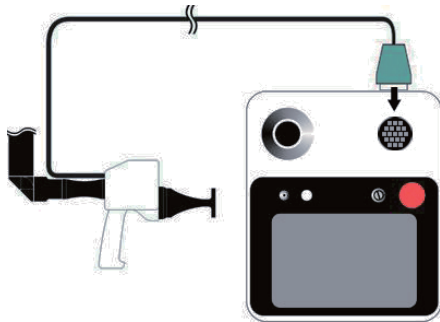
**Accessories placing Schematic diagram**



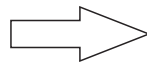
**All kinds of accessories**

Remote switch <input type="checkbox"/>	Graphics Scanner <input type="checkbox"/>	Co2 fractional laser focusing of head <input type="checkbox"/>
Seven Joints Guarding light arm <input type="checkbox"/>	Foot Switch <input type="checkbox"/>	Operator Glasses <input type="checkbox"/>
Acceptor Glasses <input type="checkbox"/>	Power Line and key <input type="checkbox"/>	Vaginal tightening laser working head <input type="checkbox"/>

## *Instrument assembly steps:*



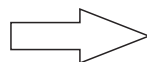
1. Take out joint arm, connected it to the joint arm seat in the machine, and use coil to tighten it.



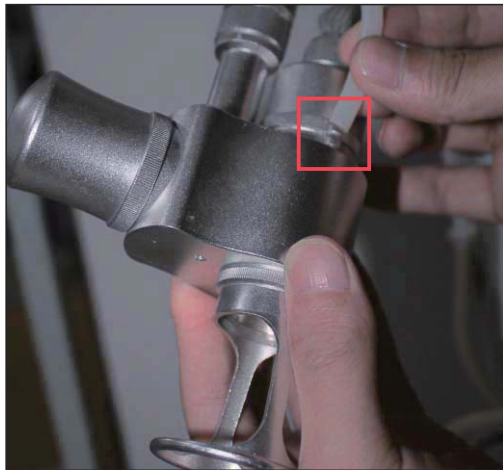
2. Connect the scanner socket and the top of the data socket.



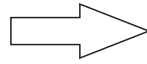
3. Insert the gas-guide tube on the panel hole on the machine, and tighten.



4. Connecting the scanner light input interface and joint arm light beam output interface



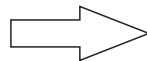
5. Connect the gas-guide tube on the graphics generator



6 . Screw off water overflow nut



7. Connected the filling funnel and tighten it, add water until the Water Overflow come out of water, then it's completed



8 . After add water , pull out the filling funnel ,then cover the nut



9. Plug the foot switch and remote switch



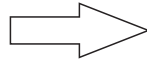
10. Connect the 220V power line



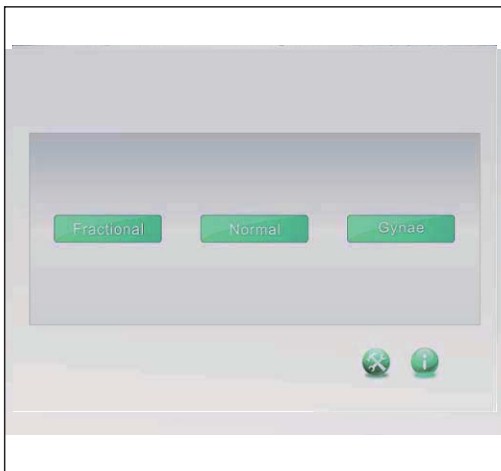
## Starting steps:



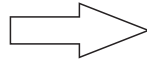
First: Use the key and open urgent stop button



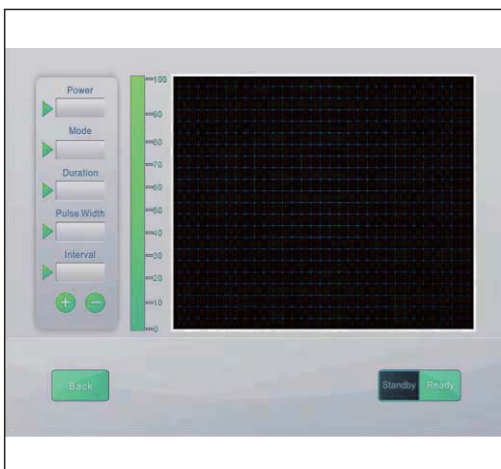
Second: According to the screen enter the main page



Third: According to the treatment program, select proper operation mode.



Fractional laser mode: Generally used for scar removal



Pulse mode: Generally used for cutting, for treating hyperplastic tissue



Gynae mode: Mainly used for Vaginal Beauty, Vaginal Tightening, Vaginal Lubrication, and Vaginal Protecting



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# **ACTUAL OPERATION**

## Standard Operating Procedure (Fractional laser mode )



First: Install graphics generator



Second: The acceptor clean the treated areas



Third: If the treated area is in the face, pls wear the acceptor safety glasses



Fourth: The Operator wear the professional safety glasses



Co2 Fractional Laser Operation  
Interface



Fifth: Let the graphics generator aim at the treatment parts, and adjust to appropriate energy, with foot switch to control, then begin to operate.

## Standard Operating Procedure (Pulse mode )



First: Install Laser focusing head



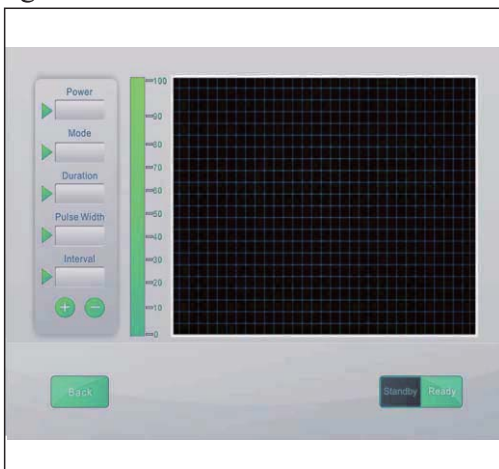
Second: The acceptor clean the treated areas



Third: If the treated area is in the face, pls wear the acceptor safety glasses



Fourth: The Operator wear the professional safety glasses

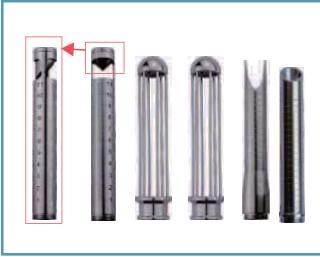


Pulse mode: Generally used for cutting, for treating hyperplastic issue.



Fifth: Let the graphics generator aim at the treatment parts, and adjust to appropriate energy, with foot switch to control, then begin to operate.

## Standard Operating Procedure (Gynae mode)

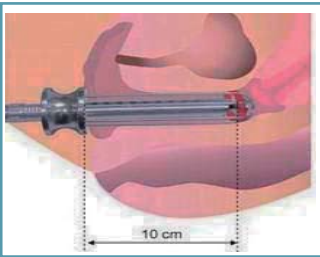


### Step 1:

According to the treatment program select proper working head.

### Step 2:

Clean the working head and treatment part.

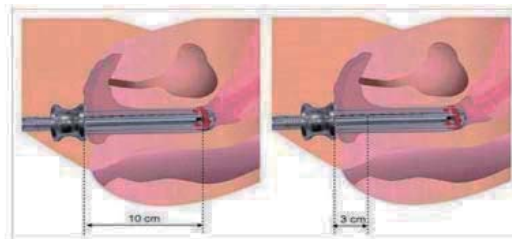
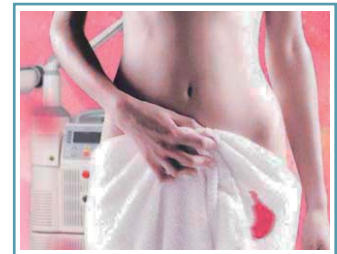


### Step 3:

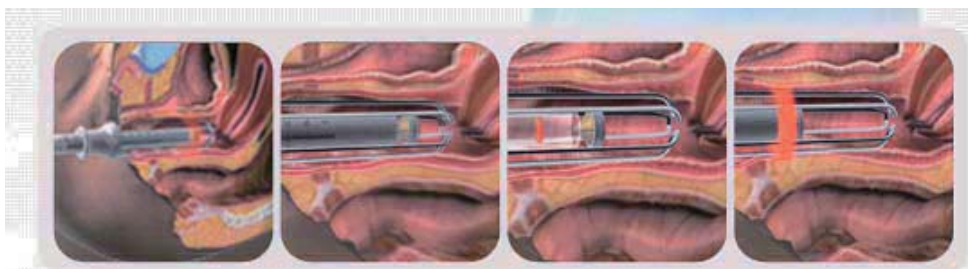
Let laser working head into vagina and have a comprehensive treatment.

### Step 4:

Clean the treatment part after treatment finished.



Step 1: Shone a laser on the whole vagina Step 2: Focus on irradiating the Vagina Front



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**ATTENTION**

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## **Attention for using equipment:**

1. The laser direct to the eyes or healthy skin is not allowed at any time.
2. To prevent the human eyes or skin by laser radiation, laser on the smooth surface is not allowed, to avoid laser forming reflection or diffusion, such as stainless steel surface, mirror and so on.
3. After using the 75% alcohol to clean and disinfection of the instruments parts, it must wait for alcohol completely evaporated, then can use the laser, to avoid combustion or explosion. When using the instrument, must avoid to use flammable anesthetic gas or oxidation gas, such as nitrous oxide (N<sub>2</sub>O) and oxygen.
4. To prevent the pollution of the focus lens in cutting head, also in order to ensure the clean operation environment at the same time, it's suggested to use gas absorber device when surgery. Cutting head and focus lens clean every 3 months at least.
5. When using the machine, looking directly at the laser will harm to the eyes within 35m range area. The operator must wear safety glasses when working.
6. Instrument can produce high pressure inside. Non-professional person are strictly prohibited to open the instrument chassis, so as to avoid electric shock.
7. Once the machine sends out a bad smell or produce strange sound, we must immediately cut off power supply to check the power cord. Do not turn on electricity before clearing the troubles. Laser tube made of glass, pls be careful operation to avoid damage.
8. Machine normal use of the temperature range of 5 °C to 40 °C, humidity range 10% ~80%.
9. In order to prevent the laser tube wall touch water freezing, pls empty the water in the tank before carrying the instrument
10. When the instrument parts at the end of life, pls don't throw it, and according to the relevant regulations of the local environmental protection departments to deal with it.
11. When the equipment not use, we must pull out the key on the lock switch, and kept it by the specializdd person.
12. Operating room to be equipped with dust removal or gas absorber device, avoid biological tissue exhaust dust pollution.



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## **Maintenance**

The instrument of power supply and laser tube can produce high power. Pls ask professional person to maintain the equipment, so as to avoid electric shock.

### **Cleaning the Lens**

When the instrument use after about six months, the instrument output energy is slightly lower, this may be caused by focusing lens . Pls wipe the lens gently with wet cotton swab for several times, and careful not to broke the lens.

### **Cleaning the Case**

If there is dust inside the case, it can use wet cotton cloth or toothpaste to clean it. Not too wet, to prevent the instrument short circuit.

### **Power Calibration**

The laser output power should be calibrated every year. Calibration should be used the standards laser power, calibration person should have the excellent qualifications.

### **Fuse Replacement**

Cut off the power and pull the power cord, then can for fuse replacement. Pls use the screwdriver unscrewing the fuse installation when replacement, remove the old fuse, with the new fuse, install fuse and tightened. But pls pay attention to the fuse specifications should be consistent with the brand of the fuse.

### **Disinfected Cutting head**

The Cutting head must be disinfected after using, disinfection method refer to previous page.