CO2 Laser System

(User's Manual)



Chapter 1 Accessories list

		
CO_2 main unit	Guide light arm	Power cord
		
Key	Foot switch	Fractional laser head
		
Vaginal tightening head	pulse head	Light guide arm packaging

Chapter 2 Product information

Wavelength:	10600nm
Laser apparatus:	Sealed off laser device simulated by direct current
Optical beam quality:	TEM00
Output power:	60w
Spot size:	0.02~0.05mm2
Aiming beam:	Red semiconductor laser (635nm, less than 5mw)
Beam transport device:	Articulated arm with 7-joint and balance weight
Working mode:	Continuous operation
Output Mode:	Continuous, single pulse, interval pulse and super pulse
Scan scope:	Max 20mmx20mm
Scan graphics:	Circle, triangle, square, rectangle,hexagon, ellipse, line
Scanning Mode:	Random , Normal and Midsplit scan
Scanning speed:	More than 10m/s
Energy:	1- 60W
Distance:	0.1-2.6mm
Cooling system:	air circulation
Power:	220V/110V

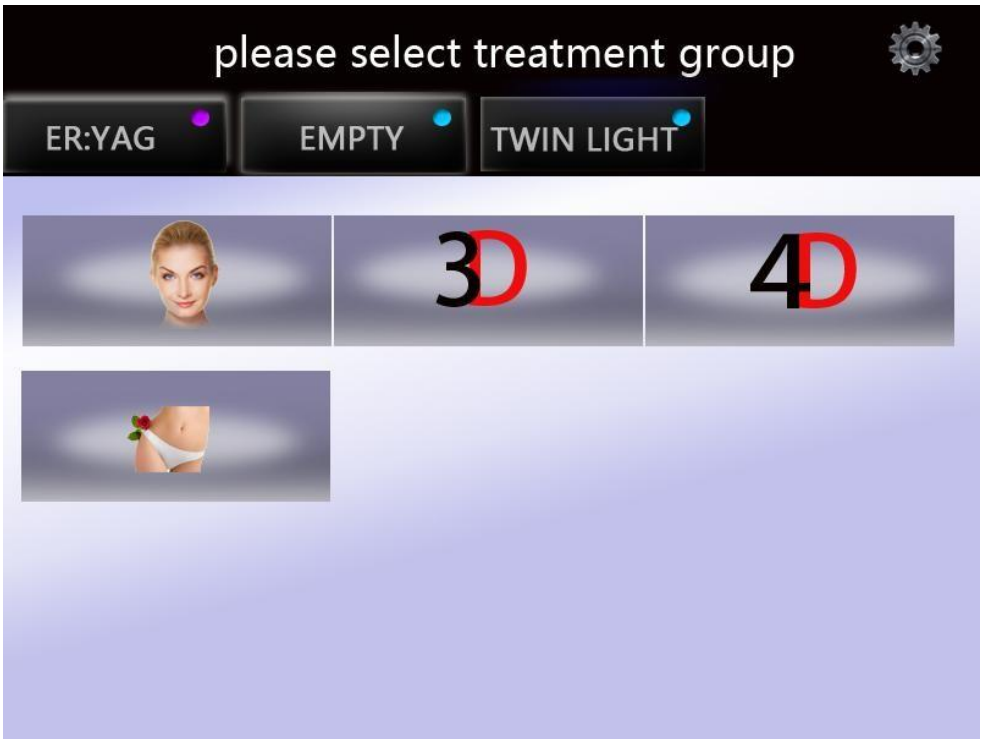
Chapter 3 Direction for Use

1. Installation

1) Install the arm into the base
2) Connect the scan head
3) Connect the power cord and foot switch
3) Add enough water(about 5 Liters)

2. Direction for use and Operating procedure

1) Turn on the machine
2) Appear to be the main screen as below when key switch is ON.



3) Select a mode and range of adjustment when the main screen comes up.
4) Operate it by stepping FOOT SWITCH after completing every procedure.
5) Detail instructions of each mode are as follows.

3. Face treatment:



1) .Press this button, enter the treatment interface, you can adjust every parameter.



1) Touch “LASER POWER “ box, then press”  ” or “  ” ,the energy will increase or decrease.
* Range of Adjustment: 1-30W.

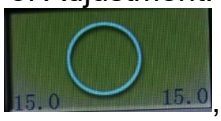
2) Touch “ RESIDENCE” box, press “  ” or “  ” to adjust.
* Range of Adjustment: 0.1-10.0ms

3) Touch “POINTS” box, press “  ” or”  ” to adjust.
* Range of Adjustment: 1-5000ms

4) Touch “ROW SPACING” box, press”  ” or “  ” to adjust.
* Range of Adjustment: 0.1mm ~ 2.6mm

5)Touch “SCAN MODE” box, press “  ” or “  ” to adjust.
* Range of Adjustment: Midsplit, Sequence,Disorder.

6)Touch “SCAN TIMES” box, press “  ” or “  ” to adjust.
* Range of Adjustment: 1-5th.

7)Touch 

,you can change different shape,like Square, round, triangular, hexagonal, straight.

8) Touch “  “ or “  “,you can change the shape size , And preview if the size and shape is suitable when press “preview”.

9) After adjust suitable parameters, press “ 

”,then press the foot switch,the machine will shoot laser beam, turn to Main screen when touch “BACK” box at the top right corner of screen.

Parameter	Skin peeler	Striae gravidarum	Depressed scar	Flat scar	Raised scar	Acne
Shape	Square	Square	uncertain	uncertain	uncertain	uncertain
Shape size	20	20	uncertain	uncertain	uncertain	uncertain
POWER W	5~6	15~20	8~10	7~8	15~20	8~10
RESIDENCE TIME ms	1	1	1	1	1	1
INTERVAL TIME ms	1	1	1	1	1	1
POINT SPACING mm	1	1	1	1	1	1
SCAN MODE	Random	Random	Random	Random	Random	Random

SCAN TIMES th	1	1	1	1	1	1
Courses	uncertain	2~3	uncertain	uncertain	uncertain	uncertain
Interval of courses	1 month	1 month	1 month	1 month	1 month	1 month

4. Instruction of 3D mode

The treatment screen of PULSE MODE appears when selecting 3D box at the Main Screen.



1) Touch “POWER “ box, then press” ” or “ ” ,the energy will increase or decrease.

* Range of Adjustment: 1-30W.

2) Touch “ MODE” box, press” ” or “ ”, adjust impulse, continue, single etc.

* Range of Adjustment:

3) Touch “POINT STAY” box, press” ” or “ ” to adjust.

* Range of Adjustment: 1-5000ms

4) Touch “PULSE WIDTH” box, press” ” or “ ”to adjust.

* Range of Adjustment: 1-10ms.

5)Touch “INTERVAL” box, press” ” or “ ” to adjust.

* Range of Adjustment: 1-10ms.

5. Instruction of 4D mode



1) Touch “LASER POWER “ box, then press”  ” or “  ” ,the energy will increase or decrease.
* Range of Adjustment: 1-30W.

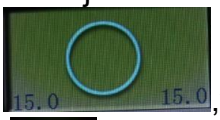
2) Touch “ RESIDENCE” box, press “  ” or “  ” to adjust.
* Range of Adjustment: 0.1-10.0ms

3) Touch “POINTS” box, press “  ” or”  ” to adjust.
* Range of Adjustment: 1-5000ms

4) Touch “ROW SPACING” box, press”  ” or “  ” to adjust.
* Range of Adjustment: 0.1mm ~ 2.6mm

5)Touch “SCAN MODE” box, press “  ” or “  ” to adjust.
* Range of Adjustment: Midsplit, Sequence,Disorder.

6)Touch “SCAN TIMES” box, press “  ” or “  ” to adjust.
* Range of Adjustment: 1-5th.

7)Touch 

,you can change different shape,like Square, round.

8) Touch “  “ or “  “,you can change the shape size , And preview if the size and shape is suitable when press “preview”.

9) After adjust suitable parameters, press “ 

”,then press the foot switch,the machine will shoot laser beam, turn to Main screen when touch “BACK” box at the top right corner of screen.

6. Instruction of private mode: 



1) Touch “LASER POWER “ box, then press”  ” or “  ” ,the energy will increase or decrease.
* Range of Adjustment: 1-30W.

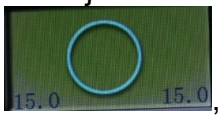
2) Touch “ RESIDENCE” box, press “  ” or “  ” to adjust.
* Range of Adjustment: 0.1-10.0ms

3) Touch “POINTS” box, press “  ” or”  ” to adjust.
* Range of Adjustment: 1-5000ms

4) Touch “ROW SPACING” box, press”  ” or “  ” to adjust.
* Range of Adjustment: 0.1mm ~ 2.6mm

5)Touch “SCAN MODE” box, press “  ” or “  ” to adjust.
* Range of Adjustment: Midsplit, Sequence,Disorder.

6)Touch “SCAN TIMES” box, press “  ” or “  ” to adjust.
* Range of Adjustment: 1-5th.

7)Touch 

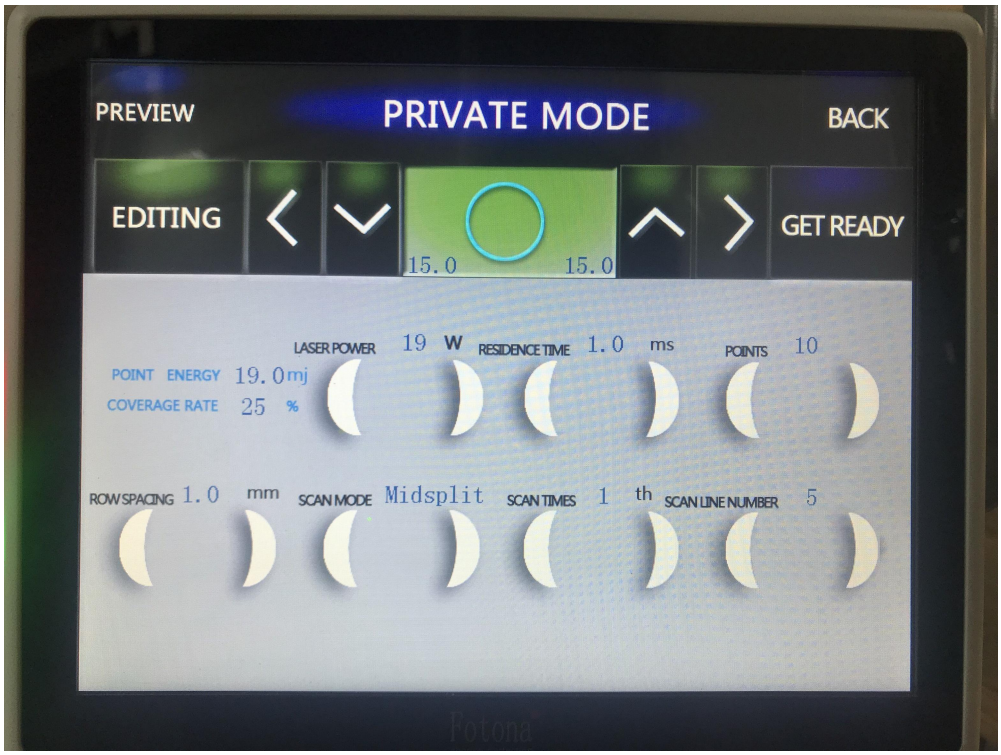
,you can change different shape,like Square, round, triangular, hexagonal, straight.

8) Touch “  “ or “  “,you can change the shape size , And preview if the size and shape is suitable when press “preview”.

9) After adjust suitable parameters, press “ 

”,then press the foot switch,the machine will shoot laser beam, turn to Main screen when touch “BACK” box at the top right corner of screen.

vagina treatment:



Insert the support to the vagina, then insert the 360 degree head to the bottom of the support, pay attention to the number on the 360 degree head, press the foot switch, then pull out 0.5cm, press the foot switch again, then pull our 0.5cm again, press the foot switch again, do again, after the 360 degree head reach vulva, insert to the bottom of the support again, and do like the first time, total 3 times.

vulva treatment:



Use the head for vulva, and make the distance 5cm, treat vulva, press the foot switch for many times, until vulva tighten up.

Chapter 4 Operation

1. Preparation:

Alcohol, cotton ball, sterile treatment head.

2. Operation:



1



2



3



4



5



6

3. Postoperative care and Notes:

1). Pay attention to the genital health after surgery.

2). More attention to rest.

3). Prohibitive life within a week.