

5D CO2 Fractional laser Instruction Manual

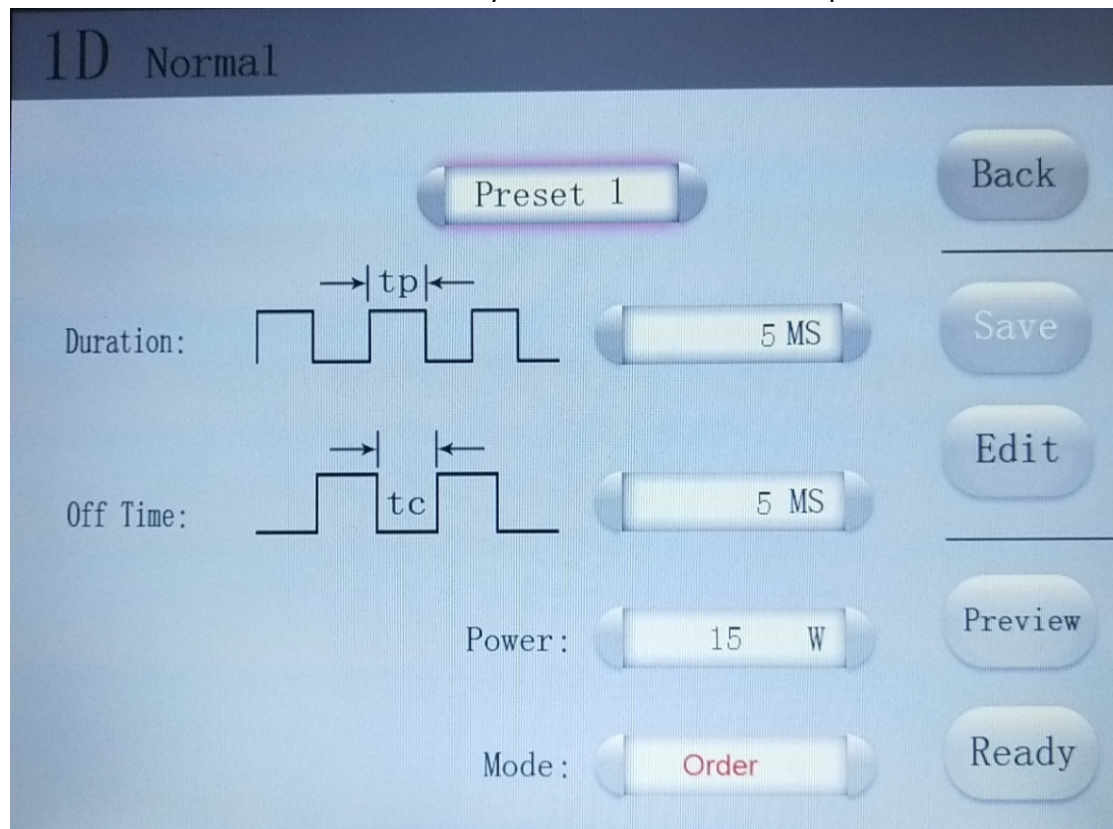
- 1) When the key switch is turned on, the following screen appears on the display.:



- 2) After the standby screen appears, select the therapy mode. Pulse mode for laser surgical cutting, single pulse and ultra pulse therapy. Dot matrix mode for a variety of different shapes, different areas and density of treatment. Gynecological mode, mainly used for the treatment of yin. Vulvar mode for laser vulvar skin treatment. RF skin for laser skin treatment.
- 3) After the standby screen appears, select each mode and setting range.
- 4) After completing the settings, press the foot switch for care.
- 5) The specific usage of each mode is as follows.

1D pulse mode use method

Select 1D normal mode in the standby screen to enter the CO2 pulse mode state.



1) After pressing the power button, use the left and right adjustment keys to set the laser emission energy.

Setting range: 1w—60w

2) After pressing the mode button, use the left and right adjustment buttons to set the transmission mode.

Transmit mode: Single, Continuous, PULSE

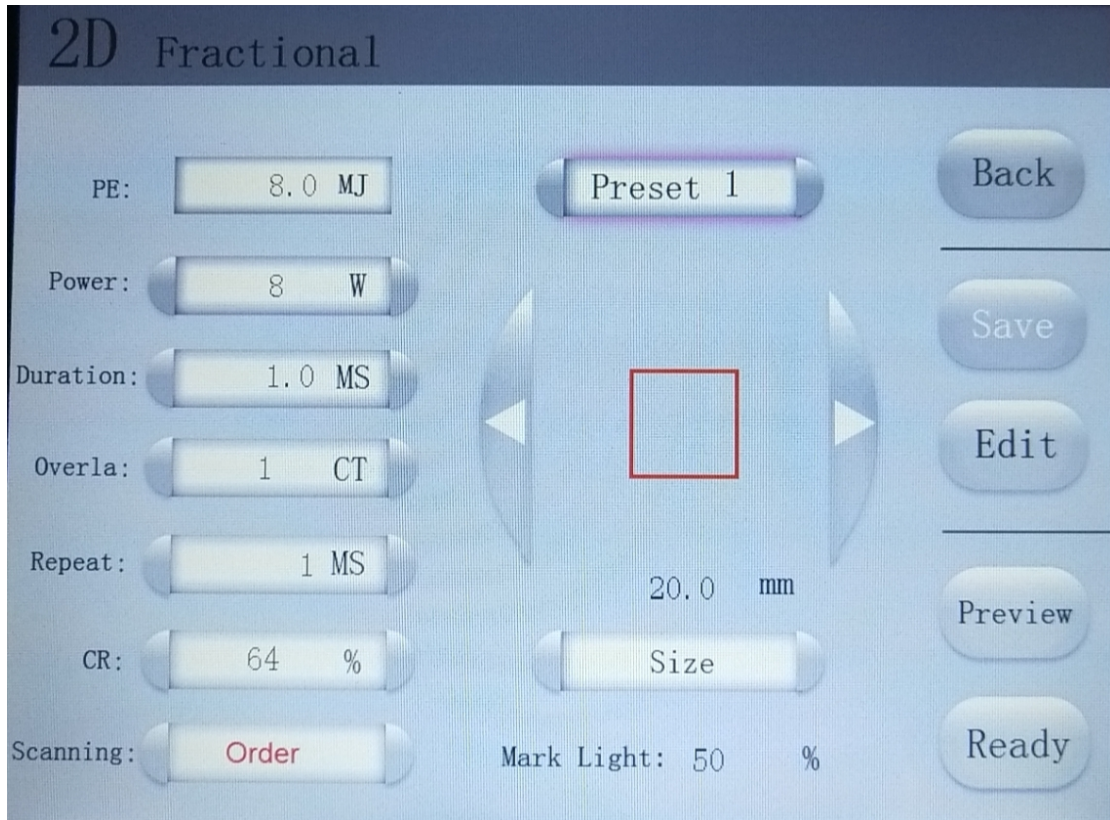
3) laser pulse width (duration), laser off time (off time), Use the left and right adjustment keys to adjust. Predetermined area: In a single time, only the pulse width is active, the adjustment range is: 1ms ~ 100ms .Continuous laser, long open laser, no adjustment time. When pulsed, **only multiple times of action, the frequency works, the adjustment range: 0.5ms ~ 1000ms**

4) Press the PREVIEW button to display the effect of the light preview.

5) After setting, STANDBY will enter the READY state. At this time, the laser output can be obtained by stepping on the pedal. To return, press the BACK button at the top right to return to the previous screen.

2D dot matrix skin use method

When the 2D dot matrix skin function is selected on the standby screen, the CO2 dot matrix mode state appears on the main screen.



- 1) After selecting the power, use the left and right adjustment keys to set the power. Setting range: 1W ~ 60W Point energy PE is the energy level of each point
- 2) After selecting the duration, use the left and right adjustment keys to set the point dwell time. Setting range: 0.1ms ~ 10ms
- 3) After selecting the interval, use the left and right adjustment keys to set the interval time. Setting range: 1ms ~ 5000ms
- 4) After selecting the overlap, use the left and right adjustment keys to set the number of repetitions. Setting range: 1 ~ 20
- 5) After selecting the distance (distance), use the left and right adjustment keys to set the point-to-point separation distance. Setting range: 0.1mm ~ 2.6mm, point coverage PE, is the percentage of point coverage.

6) After selecting the scanning mode, Use the left and right adjustment keys to switch the scan mode (change the mode each time you press it), a total of three. Scan mode: order, play in the order of one side, divide the middle, use the middle as the benchmark to play on both sides, out of order, no reference free hit.

7) Use the buttons on the left and right sides of the graphic to select the "Graphics", and use the adjustment buttons on the left and right sides of the graphic size to adjust the size of the selected graphic. Small (When an editable rectangle is selected, the X.Y axis size of the graphic size is adjusted separately from both sides of the graphic).

Setting range: 0.1mm ~ 20mm

8) After selecting the swithing graph, set the emission pattern. (Change the form each time you press it) Launch form: editable rectangle, square, rectangle, triangle, regular hexagon, circle and oval

9) Use the Save (SAVE) button to save the set value. First save the value just set in the preset button. For example, press the preset 1 after setting the preset value, and then press the save (save) button. When the preset 1 button is pressed in the future, the stored set value is automatically input, and a total of 5 preset states can be saved.

10) After the setting is completed, convert the Stand by button to Ready mode, in Ready mode. Next, press the foot switch to emit laser light.

11) Press the PREVIEW button to display the effect of the light preview.

12) After the transmission is completed, press the BACK button at the top right of the screen to return to the standby screen.

3D gynecological mode use method

When the 3D gynecological mode is selected in the standby screen, the CO2 gynecological mode state is entered.

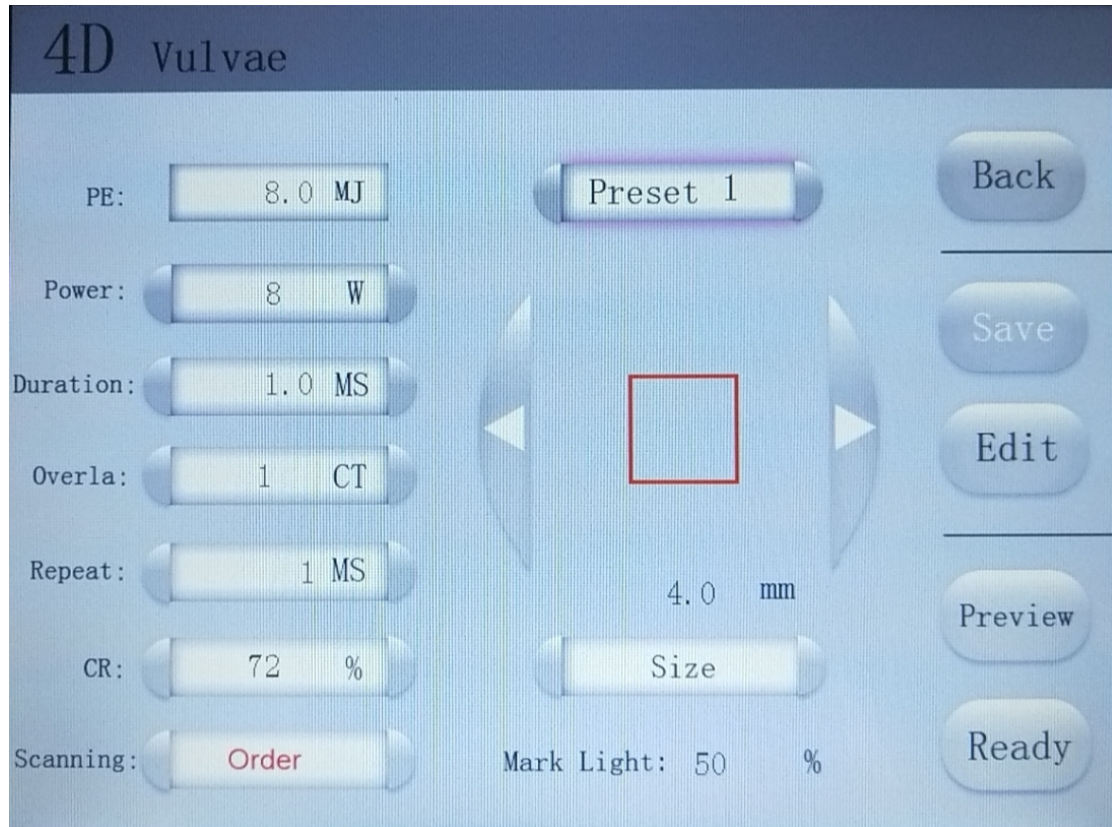


- 1) The number of laser scans (Shot counter) is set using the adjustment buttons on the left and right sides. Up to 20 times, the commonly used value is 1 time.
- 2) Speed energy, this function is the laser burning time of a single point, which is an important parameter to determine the energy level, the highest value For 10, use the left and right adjustment keys to set. Common values are $2\text{j}/\text{cm}^2$ - $5\text{j}/\text{cm}^2$.
- 3) Laser power (Power), this function is the output power of the laser, and is also an important parameter to determine the energy. The highest value is 60W, use the left and right adjustment keys to set, generally set between (20-35)W.
- 4) Laser pulse mode This function is divided into three types, sequence, chaos in order of laser shooting in 360 degrees. Order, and maximum distance. Use the left and right adjustment keys to make settings.
- 5) Press the PREVIEW button to display the effect of the light preview. Press the up, down, left and right keys to adjust the position of the indicator light.

- 6) Scanning size This function is the size of the laser scanning onto the circular vertebra. Use the adjustment buttons on the left and right sides. Line setting, commonly used value is a fixed value, generally between 4.5mm-5mm, no need to adjust frequently.
- 7) The number of laser scanning lines (scanning row), this function is the number of laser scanning laps, up to 10 laps, using the adjustment buttons on the left and right sides. The usual value is 1 or 2.
- 8) Laser scanning point, this function is the number of laser points in 360 degrees a week, the highest value is 100, with 4 The unit is adjusted, and the adjustment buttons on the left and right sides are used for setting. Generally, the setting is between 12-28. This value cannot be too large, too large. It is equivalent to peeling, and the vagina can't stand it.
- 9) After setting, STANDBY will enter the READY state. At this time, the laser output can be obtained by stepping on the pedal.
- 10) Press the Back button to return to the previous level.

4D vulvar mode usage

When the 4D vulva function is selected on the standby screen, the CO2 vulvar mode status appears on the main screen.

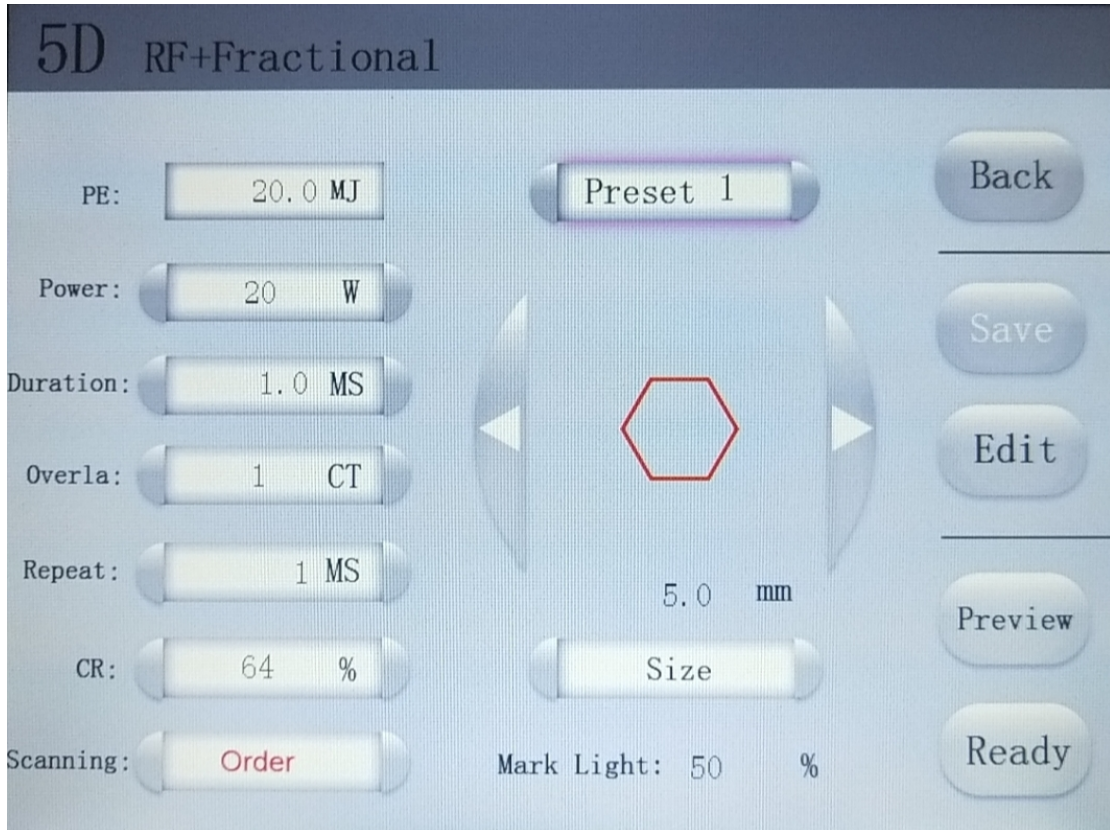


- 1) After selecting the power, use the left and right adjustment keys to set the power. Setting range: 1W ~ 60W Point energy PE is the energy level of each point
- 2) After selecting the duration, use the left and right adjustment keys to set the point dwell time. Setting range: 0.1ms ~ 10ms
- 3) After selecting the interval, use the left and right adjustment keys to set the interval time. Setting range: 1ms ~ 5000ms
- 4) After selecting the overlap, use the left and right adjustment keys to set the number of repetitions. Setting range: 1 ~ 20
- 5) After selecting the distance (distance), use the left and right adjustment keys to set the point-to-point separation distance. Setting range: 0.1mm ~ 2.6mm, point coverage PE, is the percentage of point coverage.

- 6) After selecting the scanning mode,
Use the left and right adjustment keys to switch the scan mode (change the mode each time you press it), a total of three.
Scan mode: order, play in the order of one side, divide the middle, use the middle as the benchmark to play on both sides, out of order, no reference free hit.
- 7) Use the buttons on the left and right sides of the graphic to select the "Graphics", and use the adjustment buttons on the left and right sides of the graphic size to adjust the size of the selected graphic. Small (When an editable rectangle is selected, the X.Y axis size of the graphic size is adjusted separately from both sides of the graphic).
Setting range: 0.1mm ~ 20mm
- 8) After selecting the swithing graph, set the emission pattern. (Change the form each time you press it)
Launch form: editable rectangle, square, rectangle, triangle, regular hexagon, circle and oval
- 9) Use the Save (SAVE) button to save the set value. First save the value just set in the preset button. For example, press the preset 1 after setting the preset value, and then press the save (save) button. When the preset 1 button is pressed in the future, the stored set value is automatically input, and a total of 5 preset states can be saved.
- 10) After the setting is completed, convert the Stand by button to Ready mode, in Ready mode. Next, press the foot switch to emit laser light.
- 11) Press the PREVIEW button to display the effect of the light preview.
- 12) After the transmission is completed, press the BACK button at the top right of the screen to return to the standby screen.

5D RF skin mode usage

When the 5D RF skin function is selected on the standby screen, the CO2 RF skin mode status appears on the main screen.



- 1) After selecting the power, use the left and right adjustment keys to set the power. Setting range: 1W ~ 60W Point energy PE is the energy level of each point
- 2) After selecting the duration, use the left and right adjustment keys to set the point dwell time. Setting range: 0.1ms ~ 10ms
- 3) After selecting the interval, use the left and right adjustment keys to set the interval time. Setting range: 1ms ~ 5000ms
- 4) After selecting the overlap, use the left and right adjustment keys to set the number of repetitions. Setting range: 1 ~ 20
- 5) After selecting the distance (distance), use the left and right adjustment keys to set the point-to-point separation distance. Setting range: 0.1mm ~ 2.6mm, point coverage PE, is the percentage of point

coverage.

6) After selecting the scanning mode,

Use the left and right adjustment keys to switch the scan mode (change the mode each time you press it), a total of three.

Scan mode: order, play in the order of one side, divide the middle, use the middle as the benchmark to play on both sides, out of order, no reference free hit.

7) Use the buttons on the left and right sides of the graphic to select the "Graphics", and use the adjustment buttons on the left and right sides of the graphic size to adjust the size of the selected graphic. Small (When an editable rectangle is selected, the X.Y axis size of the graphic size is adjusted separately from both sides of the graphic).

Setting range: 0.1mm ~ 20mm

8) After selecting the swithing graph, set the emission pattern. (Change the form each time you press it)

Launch form: editable rectangle, square, rectangle, triangle, regular hexagon, circle and oval

9) Use the Save (SAVE) button to save the set value. First save the value just set in the preset button. For example, press the preset 1 after setting the preset value, and then press the save (save) button. When the preset 1 button is pressed in the future, the stored set value is automatically input, and a total of 5 preset states can be saved.

10) After the setting is completed, convert the Stand by button to Ready mode, in Ready mode. Next, press the foot switch to emit laser light.

11) Press the PREVIEW button to display the effect of the light preview.

12) After the transmission is completed, press the BACK button at the top right of the screen to return to the standby screen.

Setting method

1. Touch position correction

Before turning on the power, first press and hold the touch screen, then turn on the power, the system directly enters the position correction, and then click the center of the black cross five times to complete the touch position correction.





Enter the password 26688, The following interface appears.



1. Power adj: It is used to adjust the correction power, increase or decrease the

actual power, and the display value does not change.

2. X, Y Deviation (X Deviation Y Deviation): It is used to slightly adjust the laser position shift. This function is generally not used.
3. Record time is the number of times the laser operation is recorded. This value is unchangeable and cumulatively incremented and cannot be cleared.
4. Adj area: It is the wattage of the power corresponding to each mode. For example, if the correction point is F1, the power value should be 1W corresponding to each mode. Then adjust the power correction value to adjust the power in each mode. 1W value. The correction point is that F2 should correspond to the power value of 2W in each mode, and so on.
5. Test laser on and off: It is a switch that tests the laser power correction size.
(1) On: The laser will be output with the value of the power correction.
(2) Off: The laser will be turned off.
The LOGO picture shows whether the company's LOGO logo is displayed at boot time. Chinese (English) and English (English) are language switching.
6. Save (Savej), after each calibration point is set, click Save to save the parameter data. Press the Back button to return to the main interface.
7. System Restore (Restore) to restore the factory settings (return to factory settings, need to power off and restart)
8. Brightness adjustment to adjust the indicator brightness
9. The small speaker icon is the buzzer switch.