

# 808nm Diode Laser

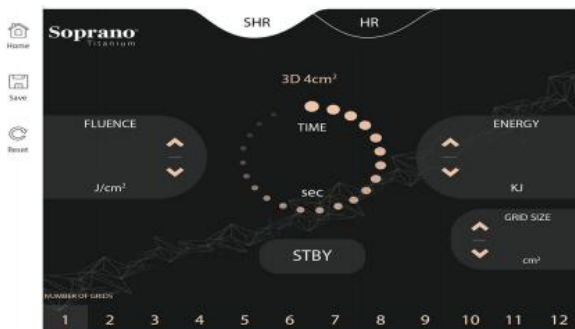
15.6 inch screen with single handle



# Operation Handle



# Operation Screen---01

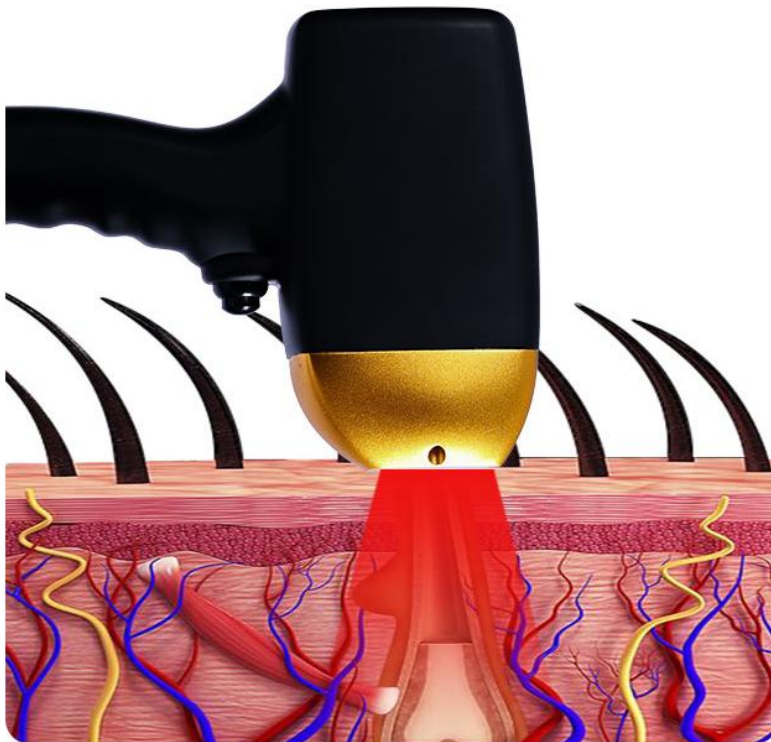


## WORK HANDLE

12\*18mm<sup>2</sup> 12\*28mm<sup>2</sup>

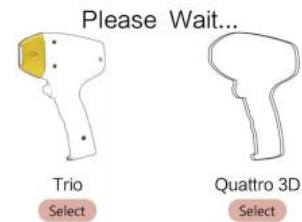
## SUITABLE ALL SKIN TONES AND HAIR COLOURS

Virtually painless  
Stronger contact cooling  
in-motion treatment  
proven safety record



Smart design handpiece, Power ranges from 800W to 1600W and 3 different wavelengths to meet different customer needs. Laser bar from American Coherent, guaranteed 40-million-time use with high energy and long service time.

# Operation Screen---02



# Treatment effect

3D Technology

Featuring its exclusive 3D technology, Soprano Titanium combines the three most effective laser wavelengths into a single applicator, simultaneously targeting different tissue depths and anatomical structures within the hair follicle. By combining the absorption and penetration levels of different wavelengths, along with extended treatment coverage, increased comfort and low maintenance requirements, Soprano Titanium is the safest and most efficient hair removal treatment available today. 3 dimension technology for one superior hair removal solution.

Emit a laser beam

The laser beam is absorbed by hair follicle melanin

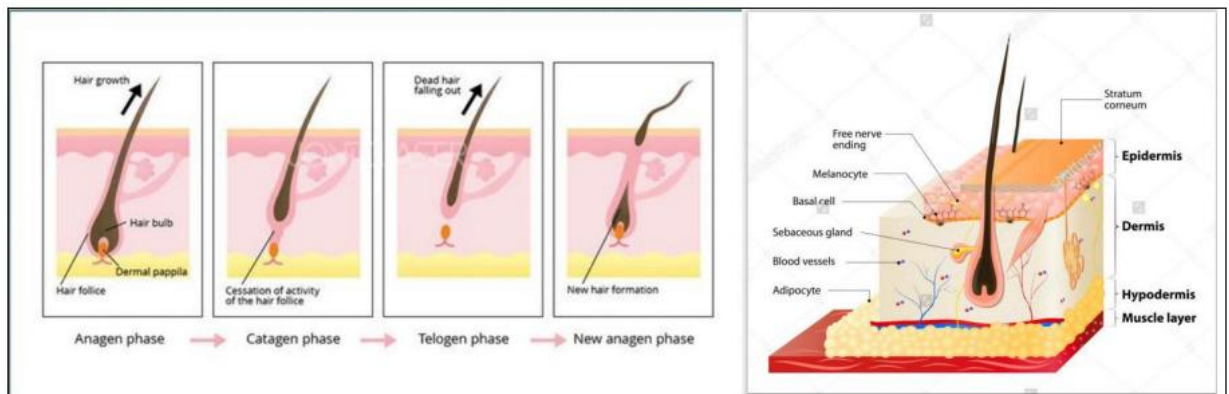
Different color hair has different ability to absorb light wave

After absorption, the laser energy will be converted into heat energy

Hair follicles and surrounding stem cells lose their activity and fall off

So reach hair removal effect

## Product advantage



The Most Popular Non-invasive Treatment Diode Lasers use the principle of selective photothermolysis to target specific chromophores in the skin, usually melanin or blood. The lasers damage the chromophores by selectively heating them while leaving surrounding tissue un-harmed, when treating unwanted hair. For example, the melanin in the hair follicle is targeted and damaged, which results in the disruption of hair growth and regeneration.

## Clinical Feedback



Clinical treatment time : one session (1-3 times), every 4 weeks one time

**Treatment Notice:**

The treatment of the hair removal needs experienced professionals. Don't use it if you have no experience for such kind of laser device.

Operators and patients must wear laser goggles to protect eyes from laser damage threat.

Please note that this is a high-energy laser device. If the patient feels very painful, stop and check whether the patient's skin has changed. Adjust to the energy that a patient can tolerate.

Skin color is very important. For white to light color, The power can be adjusted to 80%~100% to achieve good results. For light color to light brown, power can be lowered (e.g. 30%~60%).

Before treatment, the skin hair must be shaved off. Pulse width can be raised to protect the skin from burns. For dark skin, extend the treatment time to inject enough energy into the skin and hair follicles.

The handle pieces better to use SCANNING mode. It's faster.

Need to wait for several minutes before the cooling tip becomes cold.

The handle should be kept stuck to the skin. During treatment, the aluminum head at

the edge of the handle can be used to reduce the temperature of the skin.

Never shot the laser pulses to eyes, or look at the light directly.

**Contraindications to operation:**

there is a history of keloid, allergies or scarring of the physique of the person does not recommend treatment;

suffering from hepatitis, syphilis, skin infection is not recommended for treatment; blood diseases and coagulation mechanism disorders, menstrual period women do not recommend treatment;

preoperative administration of vascular dilatation drugs, anti-joint pain drugs are not recommended for treatment;

The use of 13-shun retinoic acid history within 6 months is not recommended for treatment;

During 6 weeks, treatment was not recommended for those who had used other methods (such as wax removal);

There is a heart disease, the device has the cardiac rhythm regulator and the pregnant woman does not recommend the treatment;

Those who have recently received sun exposure are not recommended for treatment;

Those with open wounds are not recommended for treatment;

Those with infected wounds are not recommended for treatment;

Patients with skin diseases and epilepsy are not recommended for treatment.

**Postoperative nursing care of**

1. after hair removal do not use scrub, alcohol, antiperspirant, bath should use warm water, hair removal area do not hot water hot wash and hard scrub;

152. Don't do sauna or swim in the swimming pool or beach within one week after hair

removal.

3. Do not use cosmetics and skin care products containing fruit acid and A acid after depilation.
4. The depilated area may produce slight redness and swelling, sensitive skin, hot or itchy sensation. Ice compress can alleviate the pain if you feel pain.
5. Avoid sunshine as much as possible and use sunscreen when you go out.
6. Pay attention to the cleanliness and dryness of the depilation area. Do not wear clothes that are not clean or too tight to ensure that they are dry and breathable.
7. Pay attention to diet, prohibit smoking and alcohol, do not eat spicy stimulating foods, to supplement more vitamin C;

## **Instrument Maintenance and Maintenance:**

### **I. Maintenance and Maintenance**

1. Check and change water every week.
2. Instruments must be operated in an air-conditioning room. The indoor temperature should be lower than 28 degrees C.
3. Indoor temperature should not be lower than 0 degree C. Otherwise, ice will destroy the water pipe and handle of the instrument.
4. Clean the cold gel on the handle to ensure that there is no dust on the light spot of the handle.
5. Don't bend the protective sleeve of the handle by force, otherwise it may lead to wrong flow switch.
6. Do not insert and pull out the handle frequently. This may lead to leakage or poor power connection.
7. Don't shoot at will, or you may catch fire.

### **II. Warranty Requirements**

Instruments and handles should be protected during use. Note that the following conditions are not included in the warranty:

1. No water added during operation
2. Turn on without inserting a handle
3. Wrestling handle
4. Input Voltage Error
5. Other operational errors

## **Many people who doubt. Below are some FAQ.**

### **● Is it effective to take off once?**

Laser hair removal usually takes three to six times to get rid of hair.

#### **There are two reasons:**

1. The hair follicles are mostly bundled together in three groups and open to the same pore. One hair in the pore is the hair growing from one of the three follicles under it. Therefore, one treatment can only destroy one hair follicle in one group.
2. Hair growth needs to go through growth period, regression period and rest period.

Laser hair removal is effective in 75% of the growing hair, 25% of the regression period, and the rest period is almost ineffective.

● **Does it affect perspiration after depilation?**

Perspiration is mainly caused by small sweat glands, while small sweat glands are not in the hair follicles. At the same time, laser hair removal is to remove hair follicles and not harm sweat glands, so it does not affect human metabolism and perspiration.

● **Does the hair removal effect permanent?**

The current laser or glare therapy device has the function of permanent hair removal,

so many people will misunderstand that the hair is not long after treatment, in fact, this permanent is not truly permanent.

The US Food and Drug Administration's understanding of permanent hair removal is that hair does not grow during a hair growth cycle after laser or intense light treatment. In general, hair clearance after treatment with multiple lasers or intense light can reach 90%, of course, its efficacy is affected by many factors.

● **Is there any damage to the skin caused by depilation?**

The skin of the human body is a relatively light-transmissive structure. The clinical experts of the beauty experts found that in the face of a powerful laser, the skin is simply a transparent cellophane, so the laser can penetrate the skin very smoothly through the skin, because there are many hair follicles. Melanin, so it can preferentially absorb a large amount of laser energy and eventually convert it into heat energy, so that the temperature of the hair follicle rises, and the function of destroying the hair follicle is achieved.

In this process, since the skin does not absorb laser energy relatively, or absorbs a small amount of laser energy, the skin itself will not be damaged.

● **Will the hair get blacker and darker?**

The hair remaining after treatment with laser or intense light becomes finer and the color becomes lighter. While shaving, plucking, hair removal cream removal, wax paper hair removal, etc., people who use these methods for a long time will gradually become thicker, harder and darker.

● **Does the hair removal effect the same for everyone and all parts?**

The number of hair removals depends on the location, the color and thickness of the hair, and the type of skin. Generally, the whiter the skin color, the darker and stronger the hair, the better the reaction, and the better the hair removal effect.

● **Can you sunbathe immediately after hair removal?**

17After the hair removal, the skin surface protection function will be reduced, and it is

easy to be sensitive. It should avoid further irritating the skin, so it is not suitable to take the sun immediately.

## **After sale instructions:**

**Please read the after-sales instructions carefully - attachment**