

*Multifunctional laser hair growth machine*

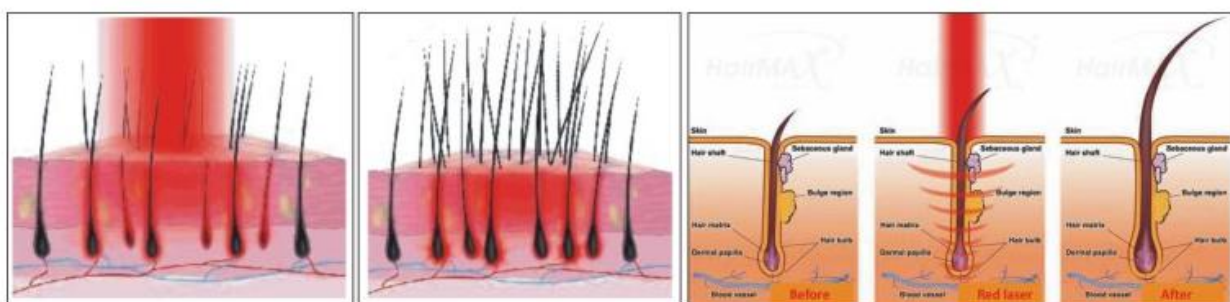


**User Manual**

## 一、 Theory:

Diode laser (also called low-level laser) can penetrate the surface of the skin with no heating effect, no damage to the skin and no known negative side effects to accelerate hair growth and thickening of hair in the treated areas.

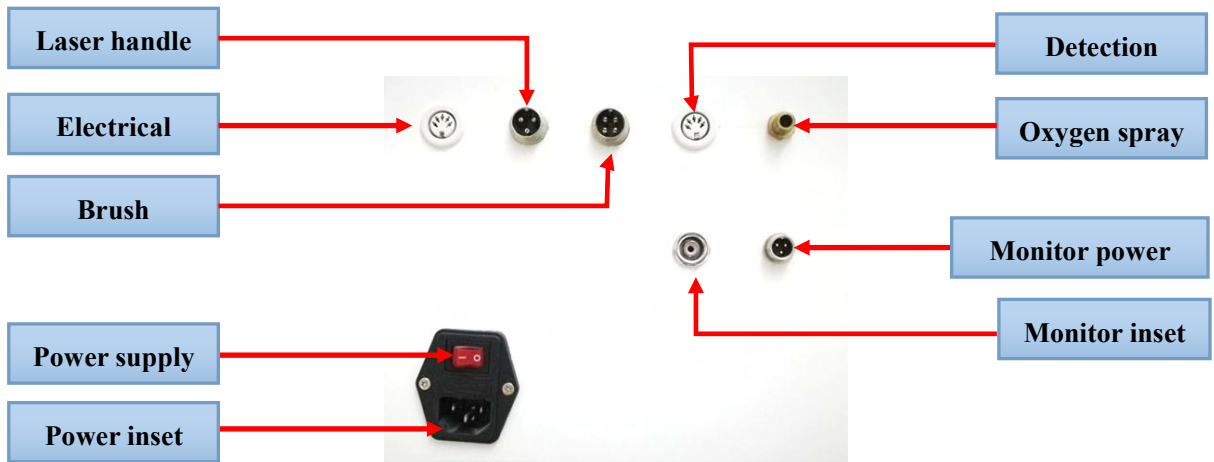
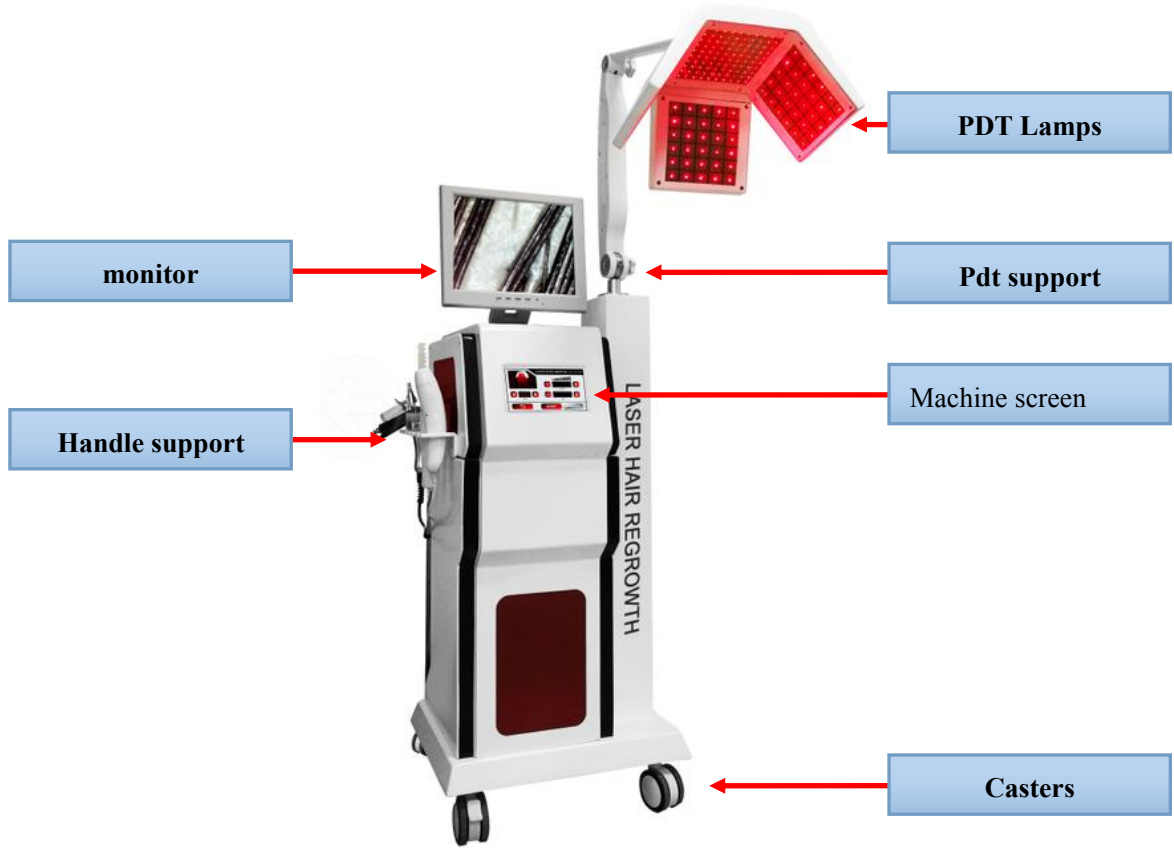
Visible and monochromatic laser in mid-600nm range includes a temporary increase in skin blood flow with radiant exposures between 0.12 and 0.36 J/cm<sup>2</sup>. This increase in blood flow is crucial to promoting a healthy hair follicle. It brings the important nutrients into the follicle, like ATP, while taking away harmful waste products such as DHT. ATP increases cellular metabolism and cellular activity. The hair follicle now has the building blocks and energy to transform from a weak follicle to one that is healthy and capable of producing beautiful, thick healthy hair.



## What are the applications of surgical diode laser system?

1. Energize hair follicles, increase hair growth, decrease hair loss
2. Fat reduction, body slimming
3. Skin rejuvenation and wrinkle removal
4. Bio-treatment for body: chronic pain, musculoskeletal and myofascial pain, dysfunction vascular disturbances, wound and ulcer treatment, etc.

## 二、Machine introduce:

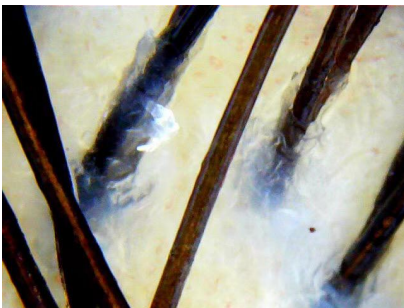
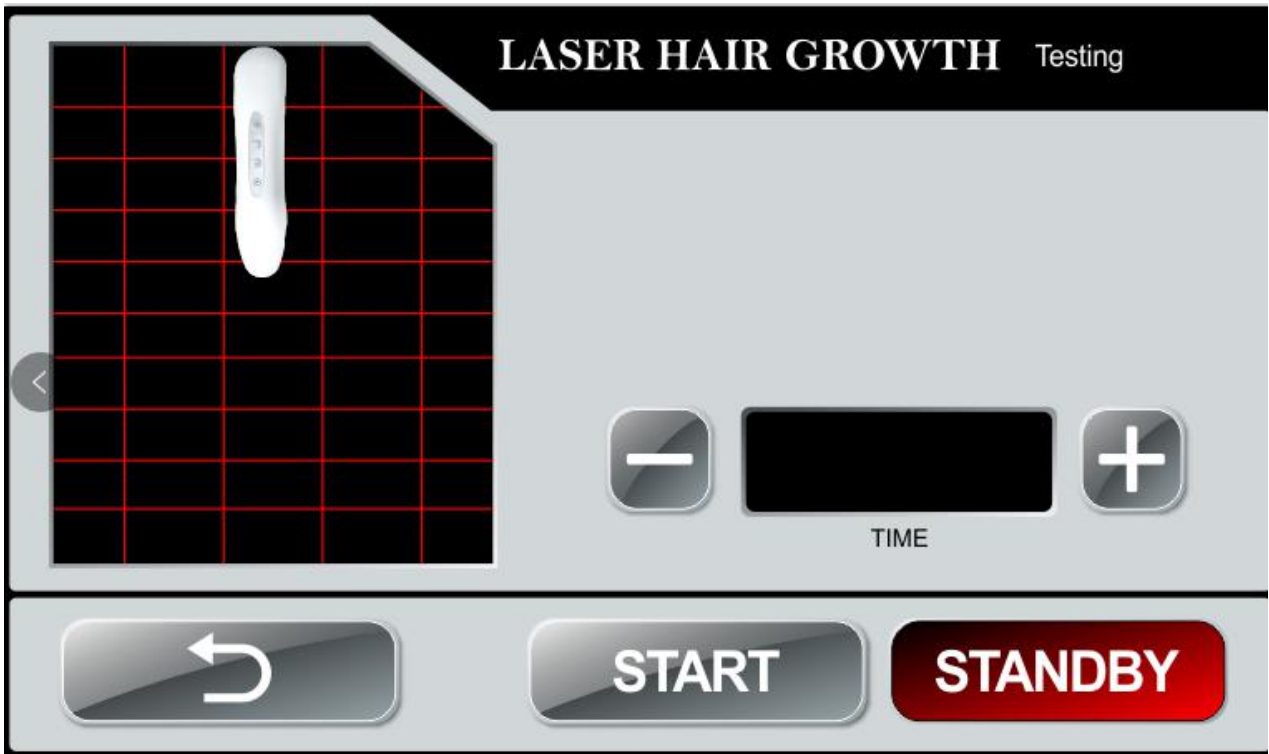


#### 四、operation screen:



五、Accessories introduction:

1)Detection handle:



Strong secretion



Hair follicles blocked



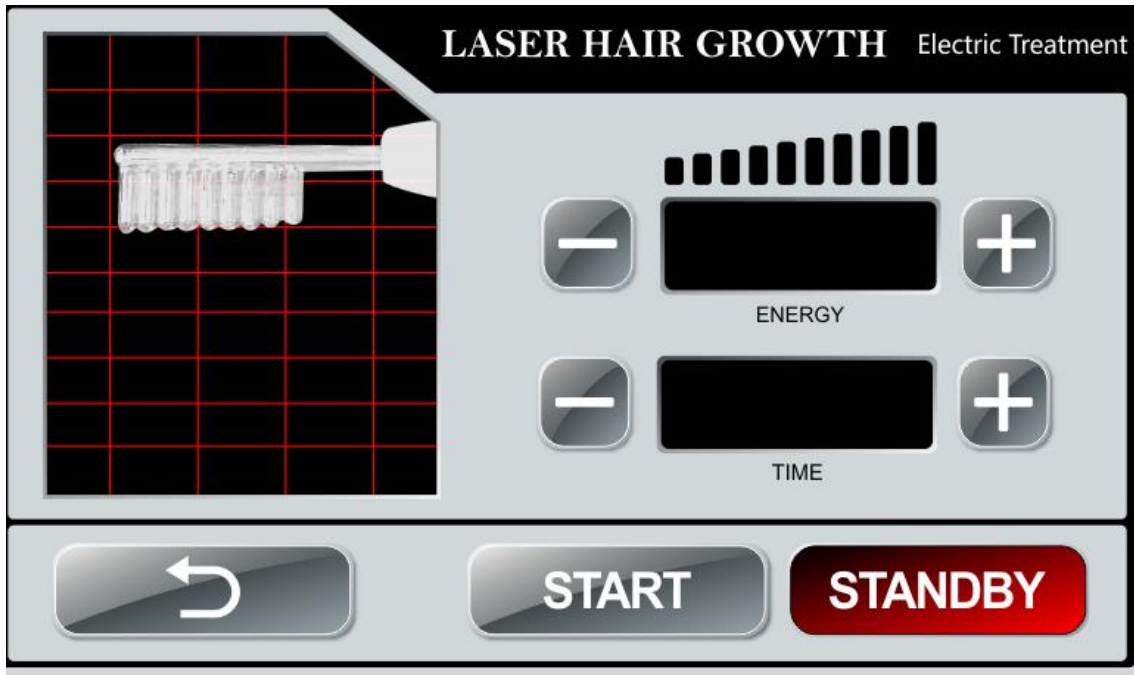
dry

## 2)Oxygen Jet Spray gun:



Give scalp a deep moisturizing and increase water content of scalp; Promote skin cells regeneration, promote the healing of hair follicle holes, increase the oxygen in the scalp, activate hair follicles ; Promote the regeneration of the skin collagen and elastin, soothe sensitive, relieve swelling and inflammation of the scalp phenomenon; Supplement energy, improve microcirculation and scalp respiratory system, improve containing oxygen and the metabolism of hair follicles .

### 3)High Frequency Electrotherapy and Ozone Comb:

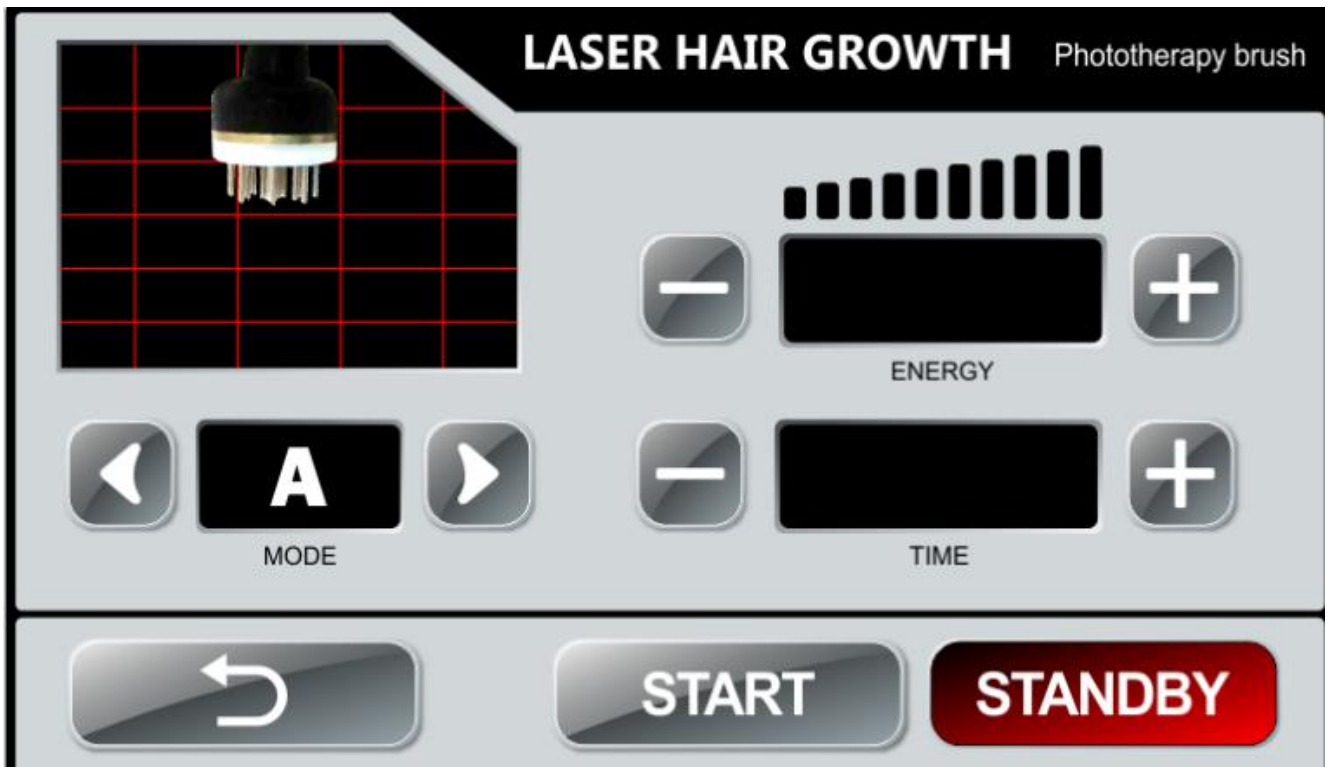


High frequency electrotherapy instrument function is as follows: sterilization, treat hair follicle cavities and inflammation, promote the hair follicular scalp wound healing; reduce and adjust the excessive secretion of sebum, promote metabolism; Promote lymph and blood circulation, improve the regeneration of hair follicle cells; Due to the current conduction electrode generated by the vibration, also have the effect of calm and massage on the scalp.





BIO ionization activation instrument:



To improve the synthesis of collagen, strengthen the elasticity of the scalp. Tighten strengthen scalp muscle elasticity, clear toxin metabolism and entrapped liquid of scalp , eliminate fatigue, restore scalp health.



## Laser hair restoration:



Studies have shown that LLLT stimulated hair growth in mice subjected to chemotherapy-induced alopecia and also in alopecia areata. Controlled clinical trials demonstrated that LLLT stimulated hair growth in both men and women. Among various mechanisms, the main mechanism is hypothesized to be stimulation of epidermal stem cells in the hair follicle bulge and shifting the follicles into anagen phase.

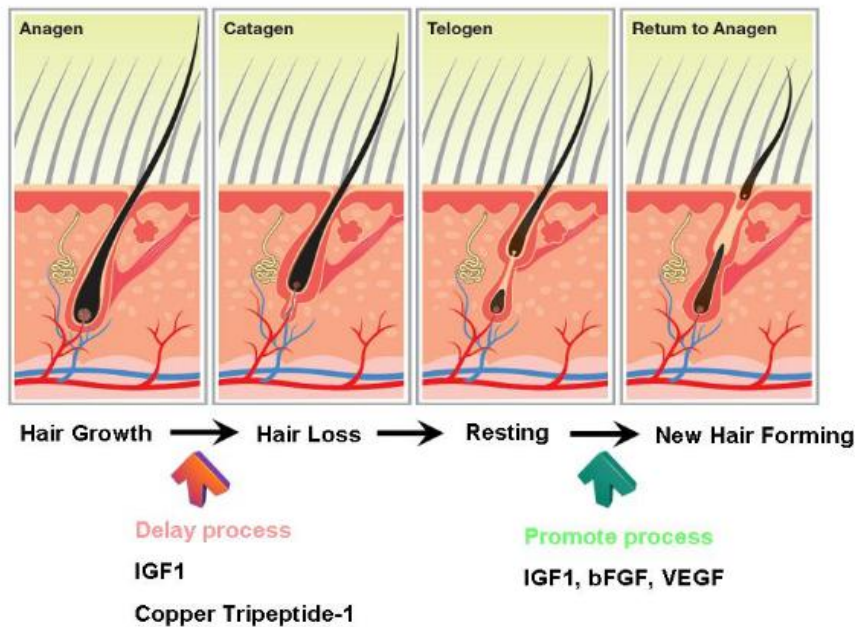
## Specification:

Description	Specifications
Technology	Laser Diode
Wavelength	650nm
Working mode	Continuous and pulse
Treatment time	1-60 minutes
Mode	30Hz,50Hz,70Hz,90Hz
Laser power	Max 10mw or (Max 130mw each LD for option)
Cooling System	Air cooling
Power supply	100-240VAC,50/60Hz
Gross weight	38 kg
Dimension	111*54*60 cm

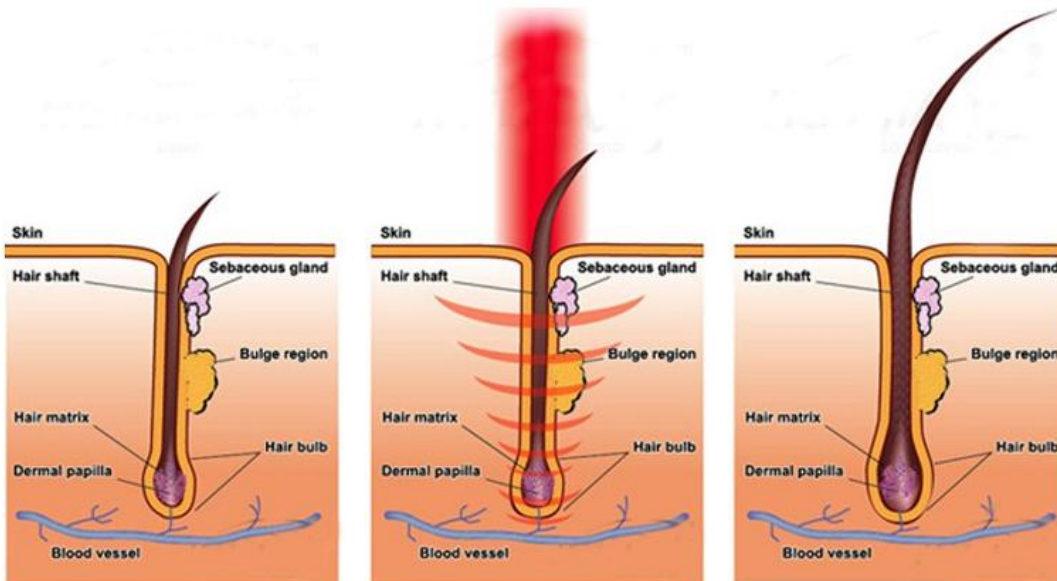
## Effect pictures:

diode laser hair regrow machine

Stop Hair Loosing & Hair Regain Mechanism in Hair Cycle



## Before and After



### **Advantages of diode laser hair growth machine**

- Enhances your image and boosts your confidence.
- Increases blood flow to the top of the scalp by up to 55% which in turn increases hair growth in follicle still capable of producing hair.
- Stop hair loss in 85% of patients regulates sebaceous gland activity, for people with overly dry or oily scalp.
- Repair damaged hair shafts , increase thickness of individual hairs by up to 25% per hair providing much thicker and fuller appearance.
- Relieves itchy scalp conditions.
- Decreases recovery time when used in conjunction with hair transplants.

- Safe, effective and painless procedure.