**Diode laser hair growth machine**

**Treatment Principle**

Accelerates blood circulation for improved collagen fiber regeneration and increased metabolism.

A 650nm laser and 630nm PDT are utilized to enhance Adenosine Triphosphate (ATP) activity in subcutaneous tissue. ATP is the main energy transmission medium between cells to encourage tissue metabolism.The 650nm laser and 625nm PDT stimulate blood flow and carry both oxygen

and nutrients to hair follicles, while an 808nm laser aids penetration – all of which greatly reduces the progression of hair loss.

**Hair follicle Modulation**

The patented SH-650 narrows light wavelengths and delivers EMS (electro-magnetic stimulation) to activate hair follicles, turning 80% from hibernation to active status to both stop hair loss and restore lost hair.

**Oil secretion regulation**

Excessive oil secretion also causes hair loss. Overactive or abnormal sebaceous glands secrete excessive amounts of oil, while Dihydro Testosterone Cave (DHT) in sebaceous gland oil causes hair follicle dwindling or even shrinking, thereby causing hair loss. SH-650 Hair Rejuvenation dredges sebaceous gland ducts, decreasing and controlling oil secretion for improved hair condition.

**Scalp health promotion for improved hair quality**

SH-650 composite hair mask treatment irradiates hair follicles, accelerates hair growth, strengthens hair elasticity, and increases hair density for maximum shine.

**Nutrient absorption**

SH-650 is a patented cold light source that doesn’t damage hair, using neither chemicals nor drugs yet penetrating is better either one. It overcomes the weakness various hair fluid chemicals face in being unable to fully penetrate the hair follicle root.

**Indications & Contraindications**

**1/ Indications: use for …**

Hair loss therapy and increased hair intensity for both men and women

Treatment for hair loss caused by excess endocrine

Treatment for hair loss caused by pathogenic and nerve problems

Treatment for postpartum hair loss

Treatment for alopecia areata, to increase hair intensity and hair care after hair transplantation.

**2/ Contraindications: avoid in the event of…**

Scalp trauma

Women’s menstrual period, pregnancy, or lactation

Permed hair - no treatment within one month

Serious medical illness, such as: cancer, blood disease, serious diabetes, hypertension, heart disease

Special systemic disease – please consult your doctor regarding any possible treatment

### Specifications

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| Name | Diode laser hair regrowth machine |
| Laser power output | 650nm diode laser (75 unit, 10mw / unit)  808nm IR laser (30unit, 10mw / unit) |
| LED power output | 630nm red cool light (575unit, 30mw / unit)  460nm blue cool light 1000mw  580nm yellow cool light 2000mw |
| Treatment Time | 0-30min |
| Pulsing time range | 1-10s |
| Pulsing delay range | 0-10s |
| LCD screen | 8 inch multi-color touch screen |
| Device dimension | 175\*58\*1250px |
| Package dimision | 120\*60\*1300px |
| Input voltage rating | AC230v 10%, 50Hz 1Hz  AC110V 10%, 60Hz 1Hz(optional) |