



ADVANCED SALON LED

BY THE ONLINE BEAUTY WAREHOUSE

PARAMETERS:

Power : 200W

Colour: Seven Colours

Lamp Beads : 273Pcs

Shell Material : Metal

Voltage : AC110~240V

Seven Color Light Spectral Wavelengths : Red 650nm, Blue 470nm, Yellow 590nm, Green 535nm, Cyan 450nm, Purple 420nm, White 760nm

Time: 1-60 Minutes

SUPPORT:

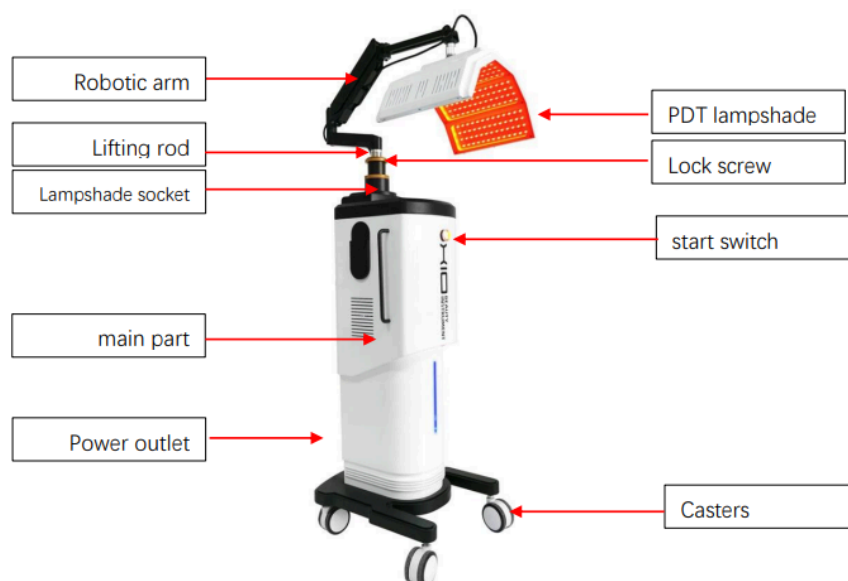
For any additional inquiries, kindly reach out to a sales representative at The Online Beauty Warehouse by dialing 1300 951 664. We appreciate your consideration and look forward to assisting you further.

ABOUT YOUR NEW MACHINE:

The Online Beauty Warehouse Advanced Salon LED machine utilises PDT Photodynamic Therapy, also referred to as Photodynamics, harnesses the power of biologically active cold light, often dubbed “magic light.” Unlike traditional methods, PDT utilises low-energy pure light and advanced light adjustment technology to gently care for the skin. This cutting-edge approach boasts natural mildness, remarkable efficacy, minimal risk, and a lack of adverse effects. It has established itself as a skin care pinnacle suitable for all skin types, particularly excelling in treating severely allergic skin, acne-prone skin, and supporting sub-health rehabilitation.

PDT Photodynamic Therapy introduces an innovative technique that capitalizes on light’s dynamic response to uphold and invigorate the skin. By transforming light energy into intracellular energy, this method accelerates cellular growth, fosters enhanced blood circulation, and stimulates fibrous cell tissue to produce collagen. The outcome is heightened skin elasticity, the rejuvenation of aging skin, mitigation of acne-prone conditions, spot lightening, a firming lift, and relief from sunburn-induced damage.

This therapeutic strategy centers around emitting light of specific wavelengths. This light penetrates the skin’s surface, reaching the subcutaneous fat layer. The converted light energy propels intracellular energy, fostering cellular growth, bolstering blood circulation, and effectively motivating fibroblasts to yield collagen. Consequently, this technique achieves diverse goals—ranging from acne and wrinkle removal to enhancing skin elasticity and restoring its innate vitality. Scientific studies have repeatedly validated its efficacy in addressing various aging skin concerns, including fine wrinkles, hyperpigmentation, and textural irregularities. These results find their foundation in the discernible surge of collagen production.



Diverse wavelengths correspond to distinct functions:

- 630nm red light enhances cell viability, metabolism, collagen production, and skin rejuvenation. It fosters improved skin elasticity, repairs damage, and even aids in the mitigation of spots.
- 520nm green light manages skin oil secretion, balances the water-oil ratio, relieves stress, and facilitates lymphatic drainage.
- 470nm blue light exhibits bactericidal and anti-inflammatory effects, effectively combating acne and promoting skin healing.
- 590nm yellow light optimizes cellular oxygen exchange, replenishing energy in skin cells, breaking down pigment, and facilitating lymphatic drainage.
- 690nm purple light synergizes two phototherapy methods to effectively treat acne and its marks.
- 490nm green and blue light progressively enhances cellular energy, robustly promoting metabolism.
- 510nm white light accelerates active tissue metabolism, fades blemishes, and reduces fine lines and sagging.
- Mixed light embodies a comprehensive approach, whitening skin, refining pores, boosting collagen proliferation, enhancing skin elasticity, and combatting aging across all skin types.

PDT's applications span an impressive range:

- Effectively treats acne, seborrheic alopecia, folliculitis, and mitigates skin allergens.
- Enhances skin luminosity, corrects dullness, addresses dark yellow undertones, and refines skin texture.
- Deeply cleanses and nourishes the skin, combining hydration with rejuvenation.
- Tackles blackheads, counters skin laxity, minimizes pores, and augments skin transparency.
- Provides vital pre-operative and post-operative care for both exfoliative and non-exfoliative skin reconstructions.
- Shapes and firms the skin, effectively minimizing pores and addressing double chin concerns.

PDT's functions and applications encompass:

- Acne treatment
- Anti-aging and comprehensive skin rejuvenation
- Enhanced lymph circulation
- Reduction of fine lines, wrinkles, and stretch marks
- Effective management of various skin conditions
- Accelerated wound recovery
- Holistic scalp care, anti-hair loss, and hair regrowth
- Facilitation of cosmetic absorption

Introduction to instrument components

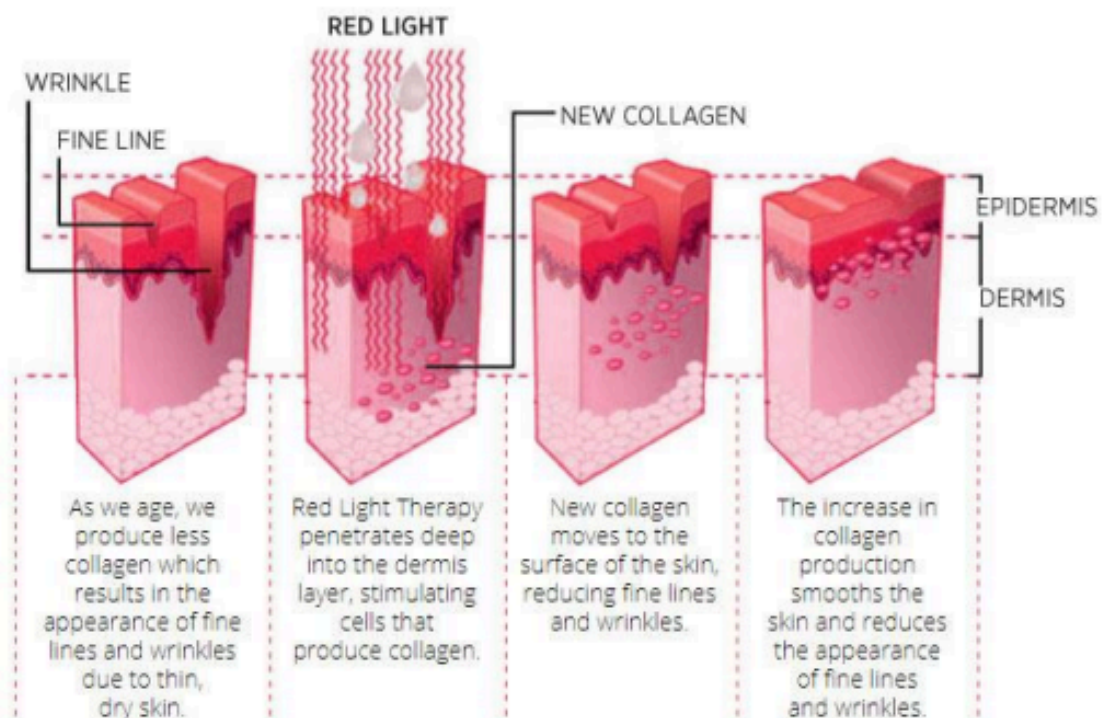


OVERVIEW:

PDT, or Photodynamic Therapy, is often referred to as "magic light." This innovative technique harnesses biologically active cold light, devoid of excessive heat generation. Utilizing low-energy pure light and sophisticated light adjustment technology, PDT provides gentle and effective skincare. It is distinguished by its natural mildness, notable therapeutic effects, low risk, and absence of side effects, making it suitable for all skin types. Particularly beneficial for severely allergic skin, acne-prone skin, and sub-health rehabilitation, PDT offers outstanding curative effects.

PDT photodynamic therapy represents a cutting-edge technology that leverages light's dynamic response to maintain and enhance skin health. By converting light energy into intracellular energy, it accelerates cell growth, promotes blood circulation, stimulates fibrous cell tissue to generate collagen, and enhances skin elasticity. This transformative process addresses concerns such as aging skin, acne, hyperpigmentation, and sun damage, playing a pivotal role in skin rejuvenation.

The specific wavelength of light emitted by PDT penetrates the skin's surface, reaching the subcutaneous fat layer. This conversion of light energy into intracellular energy facilitates the acceleration of cell growth, increased blood circulation, and stimulation of fibroblasts to produce collagen. The results are remarkable, including the removal of acne and wrinkles, enhanced skin elasticity, and the restoration of skin vitality. Scientific studies validate its effectiveness in addressing various aspects of skin aging, showcasing improvements in fine wrinkles, hyperpigmentation, and roughness, supported by increased collagen production.



FUNCTIONS:



Red light can enhance the cells activity, promote cells metabolism, make skin excrete large number of collagen protein and fibre tissue to fill on their own; accelerate blood circulation, increase skin elasticity. Accelerate blood circulation, activate skin tissues, repair damaged skin, tendering skin and dispel crinkles, tighten pore, and proliferate collagen protein.



Blue light of 417nm wavelength acts on the skin surface ,react with caroline produced by propionibacterium ,kills propionibacterium directly ,does not damage any skin tissue,and solves the problem of acne muscle at root,For youthful bacteria,inhibit sebaceous glands,prevent wound infection, sedation and allergic skin is very helpful.



It uses wavelength of 590nm LED and it makes Enhance blood circulation, activating cells, stimulate the cell excitability active role. Increasing the skin collagen fiber and elastic fibers avoiding the skin redness.



Wavelength 535nm ,neutralizing ,balancing and stable ,can reduce skin oil secretion,balance the proportion of water and oil,effectively relieve mental tension ,dredge lymph and edema.



Enhance the energy of new cells in order ,with a good effect on metabolism,balance secretion ,calm the skin and control oli .Strengthen the ability to protect of skin itself.Calm down, release stress, and cure sunburn.



420 nm PURPLE

Restrain the desire to eat. Bactericidal and anti-inflammatory. Renew skin, reduce wrinkles, especially useful in treating and repairing acne and acne-scars. accelerate the exfoliation of aging cuticle, remove yellowish dull, clean and tender like new life.



760 nm WHITE

The wavelength is 1586nm, penetrates the deep layer of the skin, accelerates the metabolism of active tissues, breaks down stains, improves fine lines and relaxes the skin.

PRINCIPLE:

Blo-Light Therapy harnesses the power of light, delivered through Light Emitting Diodes (LEDs), to stimulate cell receptors and promote natural cell renewal and healing. This innovative therapy triggers the body's inherent repair processes, addressing damage caused by sun exposure, environmental factors, natural aging, and other external influences in a safe and painless manner. Numerous global studies indicate that Blo-Light Therapy enhances blood and lymph circulation, reduces inflammation, and optimizes cellular metabolism and protein synthesis, particularly collagen production.