

Certificate



EC certificate 93/42/EEC

EN ISO 13485



Extension confirmation letter by TUV Rheinland



MDSAP

FDA K190938 HS-770

Sales Network

Today, we deliver our innovative products and services to over 80 countries worldwide through our network of 115 partners. With our extensive international presence, we are proud to offer you our products and solutions right to your doorstep.



PDT LED Series



ISO 13485

MDSAP
MEDICAL DEVICE SINGLE AUDIT PROGRAM

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TGA

NMPA

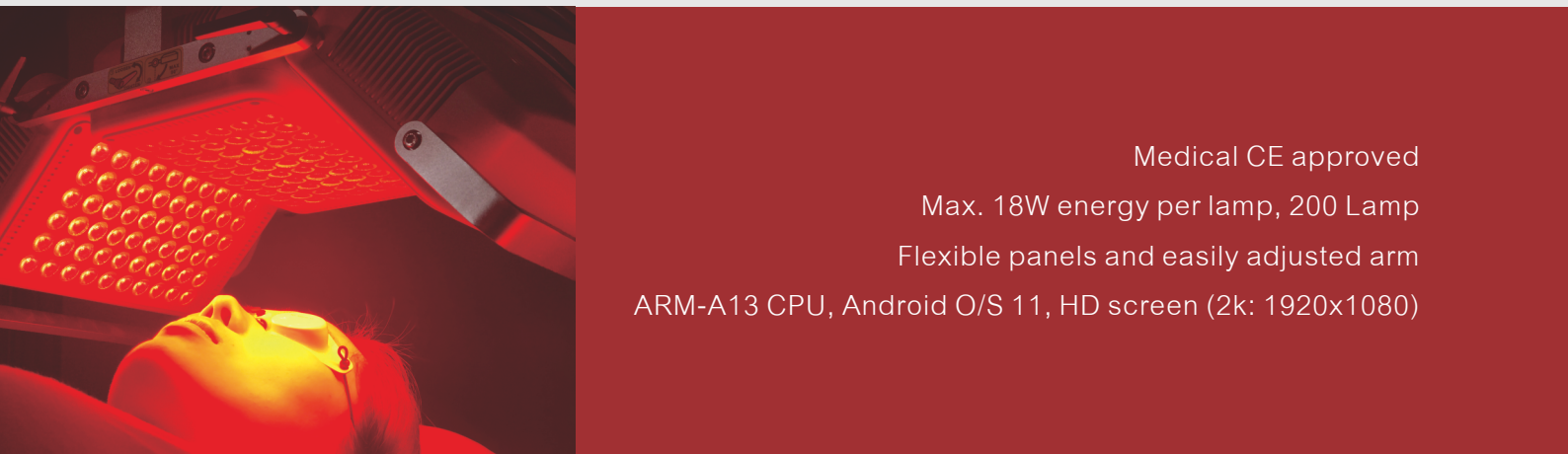


U.S.FDA (510K)

FROM 2001 TO **2026**

Shanghai Apolo Medical Technology CO.,LTD

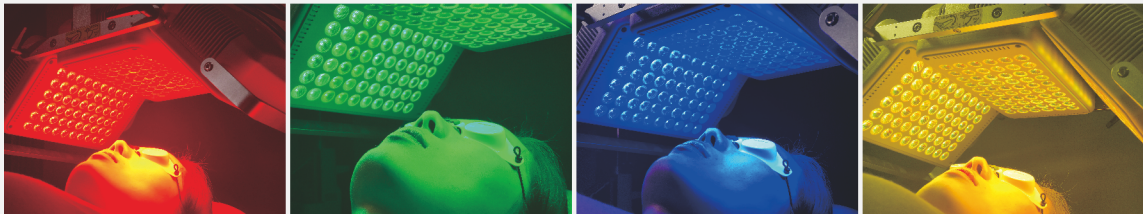
Global Medical & Aesthetic Expert



Medical CE approved
Max. 18W energy per lamp, 200 Lamp
Flexible panels and easily adjusted arm
ARM-A13 CPU, Android O/S 11, HD screen (2k: 1920x1080)

Principle

LED light penetrates into the subcutaneous tissue, where cellular mitochondria absorb the photon energy and become energized. These stimulated mitochondria produce more ATP (the cell's energy molecule), causing cells to regenerate faster and behave like younger cells. The high-intensity light also boosts cellular metabolism and stimulates microcirculation in the blood. As cell activity increases and blood flow improves, the skin produces more collagen and elastin. This leads to fewer wrinkles and faster healing, helping the skin recover to a younger, plumper, and healthier appearance..



4 color lights for various applications

Infrared Light Detailed Benefits – IR (850nm)

The 850 nm band is a near-infrared light that can penetrate deep into the skin to promote cell regeneration and reduce inflammation and pain. It is highly effective for enhancing post-exercise recovery and stimulating skin and tissue regeneration. Studies have shown that the 850 nm wavelength has a positive impact on bone repair and regeneration.

Some data indicate that 850 nm light can also reduce scarring and fibrosis. This may be crucial for rebuilding skin collagen after acne or other wounds. In addition, some studies report successful treatment of eczema, nevus of Ota, and hyperpigmentation with this wavelength.

Infrared light truly sits at the intersection of surface skin rejuvenation and deep therapy. Many studies have examined IR light's ability to reduce inflammation and pain while promoting blood circulation and wound healing. It can also stimulate collagen production and complement red-light therapy, thereby improving the skin's elasticity and strength. Beyond facial skincare, IR light can be applied to various parts of the body, helping to reduce skin inflammation, alleviate muscle fatigue, and relieve joint pain.

Painless

Quick

No Downtime

Specifications

Light source	PDT LED				
Color	Red	Green	Blue	Yellow	Infrared
Wavelength (nm)	660	520	420	595	850
Output density (mW/cm²)	280	80	180	50	140
Lamp type	Multiple Lamp type (6 LED colors light / lamp)				
Number of SLD	5 panels: 200pcs				
Lamp power	3W per LED color light; 18W per lamp				
Treatment area	8.5*20*5cm=850cm²				
Operate mode	Professional mode & Treatment mode				
Operate interface	11.6" True color touch screen				
Power supply	AC 120~240V, 50/60Hz				
Dimension	55*52*145cm (L*W*H)				
Weight	62Kgs				



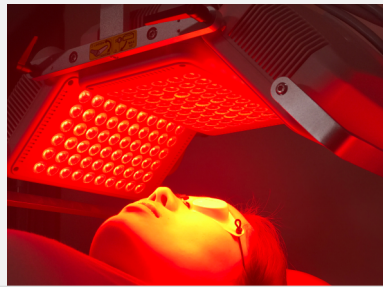
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Application

Red light (660nm)

Reduces wrinkles and increases skin elasticity, improves skin brightness, and accelerates wound healing and bruise resolution.



Green light (520nm)

Improves blood circulation to help treat vascular lesions, bruises, and swelling, and enhances skin radiance (e.g. post-plastic-surgery)



Blue light (420nm)

Provides a sterilizing effect for acne treatment.



Yellow light (590nm)

A non-invasive treatment that improves lymphatic circulation and assists in body contouring.



Infrared light (IR, 850nm)

Reduces inflammation for pain relief.

✱ The IR function can be used alone or in combination with other colored lights.

Double the red light power

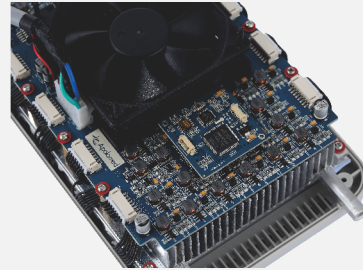
Red light (630-660 nm) is a core component of photodynamic therapy (PDT). Red light is absorbed by photosensitizers and triggers a photochemical reaction, which can selectively destroy abnormal cells (such as excessively proliferating sebaceous gland cells). In addition, red light can stimulate fibroblast proliferation, accelerate collagen synthesis, improve wound healing, and inhibit the release of inflammatory factors.

Multiple Advantages

- Multiple light sources (five LED colors + IR) to meet various clinical needs.
- Telescopic cantilever system adjusts the lamp head's angle and height as needed.
- Precise targeting: photosensitizers preferentially accumulate in diseased tissue, minimizing damage to normal cells.
- Fewer side effects: short-term redness, swelling, or scabbing are common and usually subside within 2–3 days.
- Provides continuous and pulse irradiation modes to meet different clinical requirements.
- 11.6" touch high-definition screen with a newly upgraded GUI design.

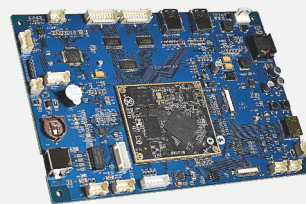
Efficient Cooling system

The dedicated heat-dissipation module ensures the normal operation of the high-power LED lamps. An automatic temperature control system provides safer treatment conditions.



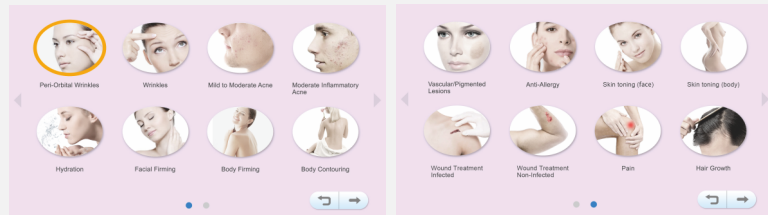
Advanced operating system

- ARM-A13 CPU, Android O/S 11, 2K HD screen.
- Supports 16 languages and features a color touch screen interface.
- Easily adjustable treatment parameters ensure simple and precise operation.



Faster, more versatile treatment procedures

Multiple quick modes are preprogrammed for common conditions, making treatment more convenient.



Before and After

