

Certificate



EN ISO 13485



MDSAP

Certificate



EC certificate 93/42/EEC



FDA K200118 HS-817/818



ISO 13485

MDSAP
MEDICAL DEVICE SINGLE AUDIT PROGRAM



Diode Laser



Shanghai Apolo Medical Technology Co.,Ltd.

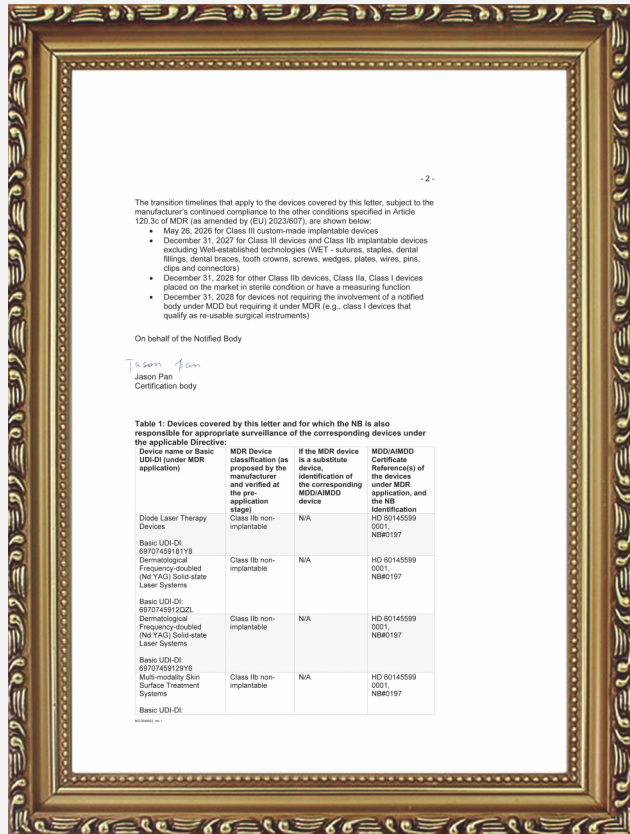
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Extension confirmation letter by TÜV Rheinland



CE CE₀₁₉₇ TGA NMPA



U.S.FDA(510K)

Shanghai Apolo Medical Technology CO.,LTD

Global Medical & Aesthetic Expert



Medical CE approved, US FDA 510K cleared
3000W big spot size for selection
Handpiece with OLED optional

810 nm wavelength

The 810nm has a moderate melanin absorption level making it ideal for hair reduction. Its deep penetration capabilities target the bulge and bulb of the hair follicle while moderate tissue depth penetration makes it ideal for treating the arms, legs, cheeks and beard.

755 nm wavelength

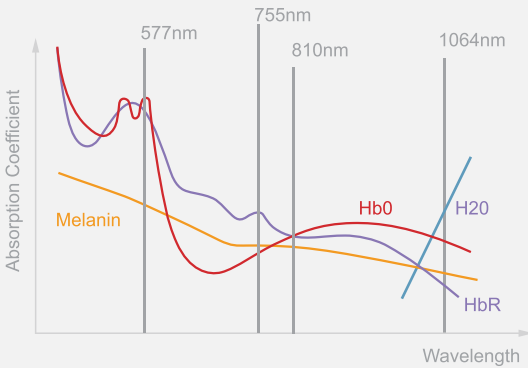
The 755 nm wavelength is strongly absorbed by melanin, making it ideal for the widest range of hair types and color--- especially light-colored and thin fine hair.

1064 nm wavelength

The 1064nm wavelength is characterized by lower melanin absorption, making it an effective solution for darker skin types. At the same time, the 1064nm offers the deepest penetration of the hair follicle, allowing it to target the bulb and papilla, as well as treat deeply embedded hair in areas such as the scalp, arm pits and pubic areas.

Triple-Wave / Dual-Wave Diode Laser

It combines 3 wavelength(755+810+1064nm) / 2 wavelength(755+810nm) into a single handpiece, which simultaneously target different depths of the hair follicle to achieve better efficacy and ensure the safest & comprehensive hair removal treatment.



Applications

Permanent hair removal and Skin rejuvenation

- * 810nm: Golden standard wavelength for all hair types.
- * 755nm: Especially effective for blonde and fine hair.
- * 1064nm: Specific effective for dark, tanned skin.



Diode laser hair removal, For skin type I-6

Specifications (HS-817)

Wavelength	810nm/Dualwave (755+810nm) / Triplewave	
Laser output	800W	1200W
Spot size	12*20mm	12*30mm
Energy density	1~90J/cm ²	1~43J/cm ²
Pulse Width	10~300ms	10~200ms
Repetition rate	1~10Hz	
Sapphire cooling	-4~4℃	
Operate interface	15.6" True color touch screen	
Cooling system	TEC cooling system	TEC cooling system or compressor cooling system
Power supply	AC 120~240V, 50/60Hz	
Dimension	58.5*41*35.5(47)cm (L*W*H)	
Weight	37.5Kgs	

* Triplewave:755+810+1064nm

- Medical standard components and strict medical standard testing make the equipment more reliable and safe
- Paired with an advanced sapphire cooling system, the temperature of the hand treatment head is extremely low, greatly reducing the pain of treatment and improving the user experience.
- The software provides multiple treatment modes for better therapeutic effects.

Specifications (HS-818)

Wavelength	810nm/Dualwave (755+810nm) / Triplewave	
Laser output	1600W/1800W	3000W
Spot size	12*14mm, 12*30mm	Φ 6mm, 12*12mm, 12*25mm, 12*35mm
Energy density	1~72J/cm ²	1~45J/cm ²
Pulse Width	10~200ms	10~150ms
Repetition rate	1~15Hz	
Sapphire cooling	-4~4℃	
Operate interface	15.6" /18.5" True color touch screen	
Cooling system	TEC cooling or compressor cooling system	
Power supply	AC 120~240V, 50/60Hz	
Dimension	36(42)*42(50)*100(110)cm (L*W*H)	
Weight	58.5Kgs	

* Triplewave:755+810+1064nm

U.S.FDA 510K
K200118

TUV Rheinland
CERTIFIED CE 0197



HS-817



HS-818

Handpiece

A hand tool with 4 different sizes of treatment heads that can be quickly replaced. The newly upgraded OLED screen can quickly adjust key parameters for treatment.



OLED



12X14mm



12x30mm



12X12mm, 12x24mm,
12X36mm, Φ5mm

Multiple Advantages

- Three wavelengths, strong epidermal cooling and SHR technology enable comfortable, effective hair removal treatments for all skin tones - including tanned skin - and all hair types.
- Diode module with output energy 3000W.
- High power density, short pulse width.
- Interlock design ensures a safe treatment environment.
- Products fully upgraded with new sheet metal enclosure. IC card management design.

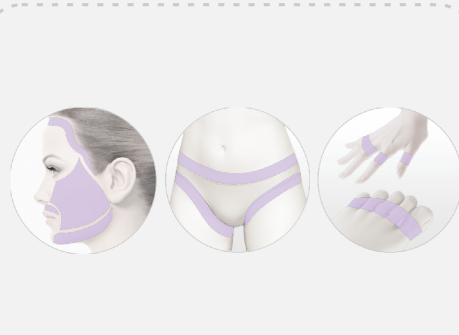
3 unique treatment modes for easy operation

SHR works by gradually heating the dermis to a temperature that effectively damages the hair follicles and prevents re-growth, while avoiding injury to the surrounding tissue. Low energy pulses at a high repetition rate are delivered into the dermis, achieving high accumulated energy and reaching effective heat build-up for hair follicle destruction, with virtually no pain.

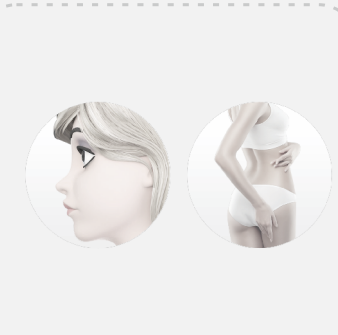
Stack mode is especially designed for small areas hard to reach, like finger, toe, hairline, temple, bikini area, etc.. SSR Mode means "Super Skin Rejuvenation", designed mainly for whole body skin rejuvenation and skin toning.



SHR Mode



Stack Mode



SSR Mode

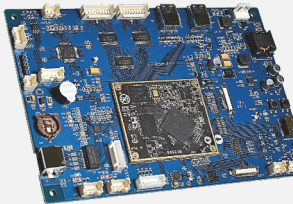
Water filter & Deionizing filter

Water filter and Deionizing filter can improve the water quality, enhance heat dissipation efficiency and extend machine life.



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.

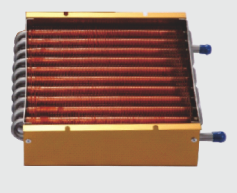


Advanced cooling system 1

TEC water tank cooling system and air compressor cooling system and cold sapphire window lead the light guide's temperature is reduced to 4℃ during system operation.



TEC water tank cooling system



Advanced radiator system



Compressor



Water cooling

Advanced Cooling system 2

The latest technology of the cooling module enables the temperature of the hand treatment head to reach -4℃, greatly reducing the pain during treatment.



-4~4℃

Sapphire contact cooling

Before and After



Before

After



Before

After