

Certificate



EN ISO 13485

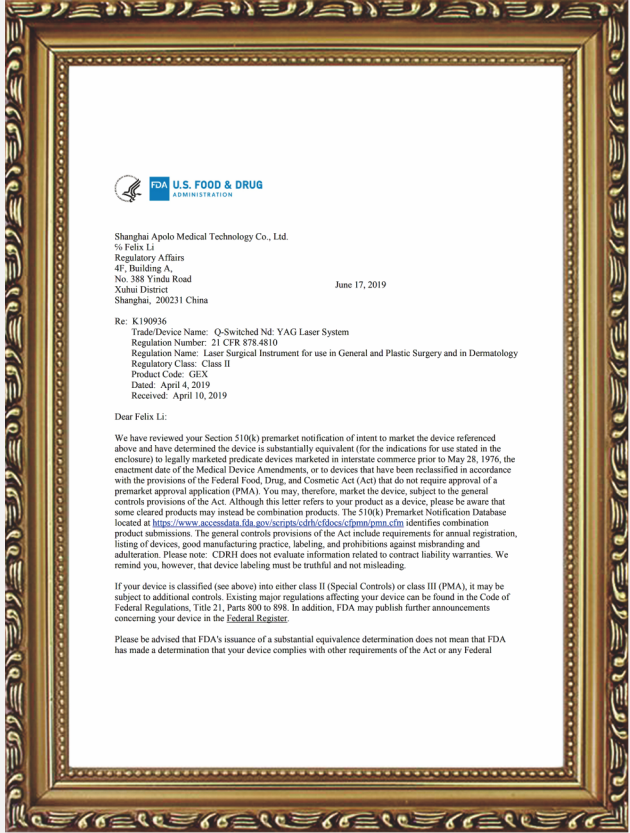


MDSAP



Extension confirmation letter by TÜV Rheinland

Certificate



FDA K190936 HS-290K,HS-290EK



EC certificate 93/42/EEC

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.



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U.S.FDA(510K)



Q-S Nd:YAG Laser



FROM 2001 TO 2026

Shanghai Apolo Medical Technology CO.,LTD

Global Medical & Aesthetic Expert

1064/532nm Q-S Nd:YAG Laser

The Q-switched YAG laser's specific wavelength penetrates the skin and, according to the theory of selective photothermolysis, breaks the pigmented cells into tiny pieces that the body can naturally absorb. This process effectively removes freckles and other pigmentation spots. The 1064nm setting shatters and removes black and blue pigments, while the 532 nm setting targets red, pink, purple, and brown pigments in tattoos or other pigmented areas — all without harming the surrounding healthy skin.

Application

Φ 7	Tattoo and wound removal
	Soft Peeling: Skin toning, Skin Rejuvenation
	Eyebrow tattoo removal, Lip liner (tattoo) removal
	Vascular lesions: Telangiectasis...
	Epidermal/ Dermal lesion Pigmented: Freckles, Melasma, Seborrheic Keratosis; Nevus of OTA...

Specifications (HS-220)

Wavelength	1064nm & 532nm
Max. Energy	2400mJ (1064nm) , 1200mJ (532nm)
Pulse width	<10ns (single pulse)
Spot size	1~5mm
Repetition rate	1~10Hz
Power	1000W
Operate interface	11.6" True color touch screen
Aiming beam	Diode 650nm (red)
Cooling system	Advanced air & water cooling system
Power supply	AC 100~240V, 50/60Hz
Diemension	53*40*39cm (L*W*H)
Weight	25 Kgs



- Water filter ensure the clean and smooth water circulation
- Interlock design ensures the safety treatment environment
- Modularized design for convenient maintenance
- IC card management design, ARM-A13 CPU, Android O/S

EO Q-S Nd:YAG Laser (Nanosecond laser)

The high peak power and short pulse duration delivers efficient destruction of the target chromophore such as tattoo ink, pigment or collagen. The electro-optic (EO) Q-Switch, acting as a high-speed shutter, stores energy between pulses enabling the laser to produce peak power output of 200MW in 6ns pulse width. It forces energy at a high rate, the target chromophores vibrate and shatter, without harming the surrounding skin on all skin.



U.S.FDA 510K
K190936

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Collimating lens



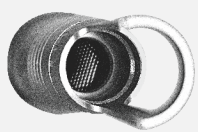
- The collimating Lens uses convex lenses or other method to convert divergent incident light into parallel beams of energy to the target tissue with minimal dispersion, regardless of distance from the skin. (Collimating Lens only for nanosecond system).



Array lens
(532nm+1064nm)



- Array lens makes energy more concentrated, the pigment is shattered and metabolism more easily, besides, it will stimulate collagen to regenerate, accordingly to repair scars and reduce wrinkles.

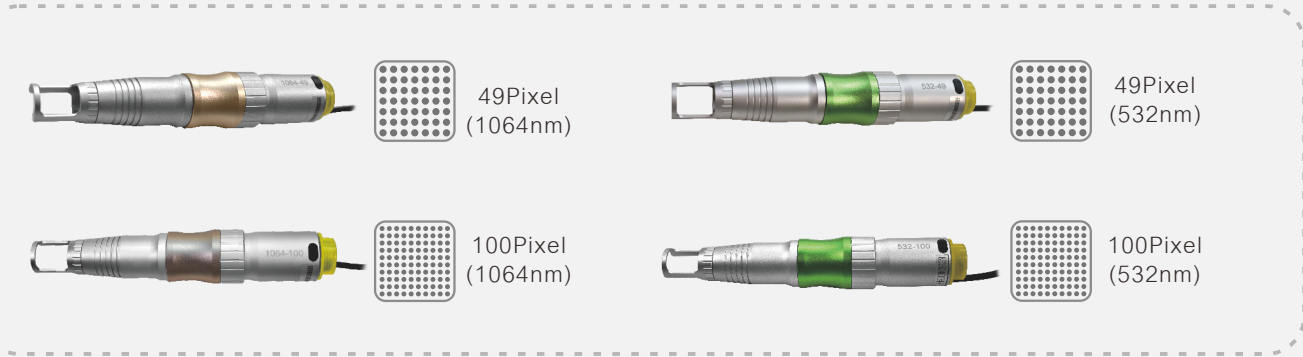


Specifications(HS-290/290E)

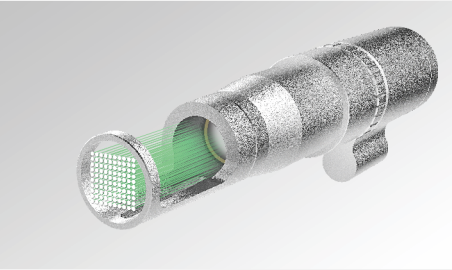
Laser type	EO Q-switch Nd:YAG laser			
Wavelength	1064/532, 585/650nm(optional)			
Operate mode	Q-switched mode, SPT mode, Long pulse hair removal mode			
Beam profile	Flat-top mode			
Pulse width	≤6ns (Q-switched mode), 300 μs (SPT mode), 5~30 ms (Hair removal mode)			
	Q-switched (1064nm)	Q-switched (532nm)	SPT mode (1064nm)	Long pulse hair removal(1064nm) *
Pulse energy	Max.1200mJ	Max.600mJ	Max.2800mJ	Max.60J/cm²
Repetition rate	Max. 10 Hz	Max. 8 Hz	Max. 10 Hz	Max. 1.5 Hz
Spot size	2~10mm	2~10mm	2~10mm	6~18mm
Energy calibration	External & self-restoration			
Operating mode	1./2./3.pulse support			
Optical delivery	Articulated arm			
Operate interface	11.6" /9.7"True color touch screen			
Aiming beam	Diode 650nm(Red), brightness adjustable			
Cooling system	Advanced Air & Water cooling system, TEC cooling system (optional)			
Power supply	AC 100~240V, 50/60Hz			
Dimension	290: 79*43*88cm (L*W*H)		290E: 79*43*88cm (L*W*H)	
Weight	290: 72.5Kgs		290E: 72.5Kgs	

* Optional: Long pulse hair removal handpiece

Fractional Lens array (DOE 6X6mm)



The fractional lens array creates pixel-sized perforations in a 5×5 or 6×6 non-ablative pattern, evenly distributing energy across the treated area. It can also perform non-sequential scanning, which increases the interval between adjacent pulses and improves heat dissipation. This process stimulates collagen production, triggers neocollagenesis, and rejuvenates the target tissue.



Long pulse Hair removal

Due to the weak absorption of water, hemoglobin, and melanin at 1064 nm, the laser can penetrate the skin and reach subcutaneous tissue (with a depth of up to 3 mm). This makes it ideal for hair removal on darker skin tones. The long pulse width allows for slow heating of the hair follicles, preventing sudden temperature increases that could damage the epidermis.



Long pulse lens (1064nm)

Other treatment handpieces (optional)



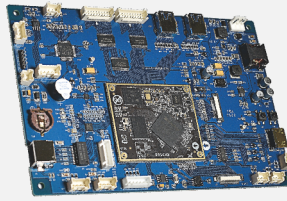
585nm Dye laser Handpiece



650nm Dye laser Handpiece

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.



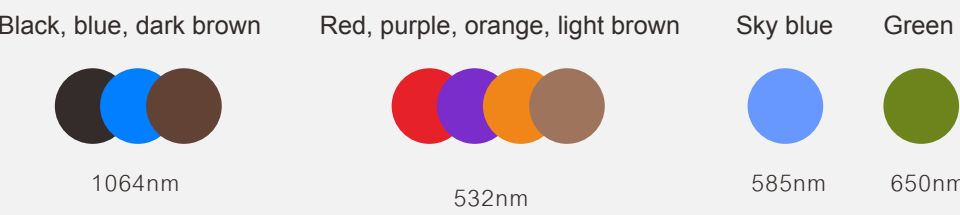
Advanced medical power supply (IGBT)

- IGBT power conversion efficiency is higher. It has lower power loss and lower heat generation.
- The working frequency of IGBT power supply can reach several hundred kHz, and the response speed can reach tens of nanoseconds.
- IGBT modules have high integration, smaller size, and lower weight.



- Flat-top beam profile ensures the energy is distributed evenly.
- 6ns short pulse at peak power and 300us through 1064nm wavelength.
- Spot size adjustable from 1-10mm the energy density automatic conversion.
- Professional mode & treatment mode.
- IC management control design.

Covering tattoos of different colors



Laser with different wavelengths has more advantages in removing tattoos of different colors.