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**Advanced
Technology.
Revolutionary
Results.**



ACTIVE

Skin Rejuvenation
Pigment Melasma
Tattoo Removal

Dual System Laser



ACTIVE

Long Pulse ND:YAG Laser

Therapy Principle

Therapy of Epidermis & Dermis Pigmentation

Utilizing the explosive effect of the Nd: YAG laser, the laser permeate the epidermis into the dermis which includes amount of pigment mass. Since the laser pulses in nanosecond but with super high energy, the shot pigment mass swell quickly and breaks into small pieces, which will be eliminated through metabolic system.

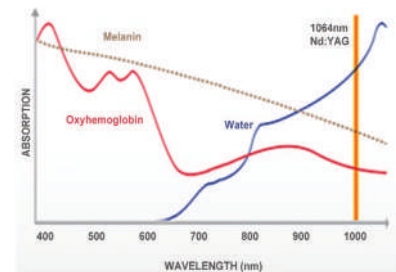
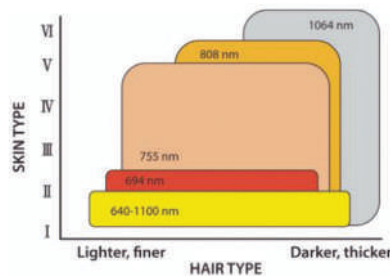
Therapy of the dilatation of capillary vessel

Utilizing the heat effect of the Nd: Yag Laser, the laser is absorbed by the hemachrome in the capillary vessel, then the capillary vessel become blocked and disappear.



The Dual System Laser

Dual system is the unique device combining picosecond laser and 1064nm Longpulsed Nd:YAG. Not only 1064nm long pulsed wavelength due to the high melanin absorption it is effective for hair removal and pigmented lesions treatment. Nd:YAG 1064nm long pulsed wavelength rejuvenate skin by stimulating the dermis layer, effectively treating vascular lesions. Long pulse Nd.YAG has low absorption in melanin and deeper skin penetration due to its high energy. It simulates dermis layer without damage of epidermis, rearranges collagen and thus improves loose skin and fine wrinkles.



Laser Diode (wavelength:810 nm)

Laser diode is a semiconductor, continuous laser. Long pulse operation can be obtained i turning on/off the current input into the semiconductor laser. The wavelength of laser diod has relatively better absorption rate for melanin than 1064 nm but does not allow deep penetration into the dermis, precluding complete removal of hair bulbs.

Long pulsed Nd:YAG laser (wavelength:1064 nm)

Long pulsed Nd:YAG laser has relatively lower absorption rate for melanin pigments compared to that of laser diode but is most effective for hair removal because of the deep penetration depth. , it is less absorbed by melanin compared to other lasers, making it applicable to people of any skin type.

**2000PS
Microchip**

Sealed package
High Reliability
Polarization-stable



Import Lambda Lens

The machine using cellular uniform light lens in the laser generator which could ensure stable and uniform output energy.

Kore Joint Arm

- 360 Degree Rotation
- Uniform Output Energy
- Extremely Round Spot Size
- Less Energy Loss
- Polarized Light is Avoided

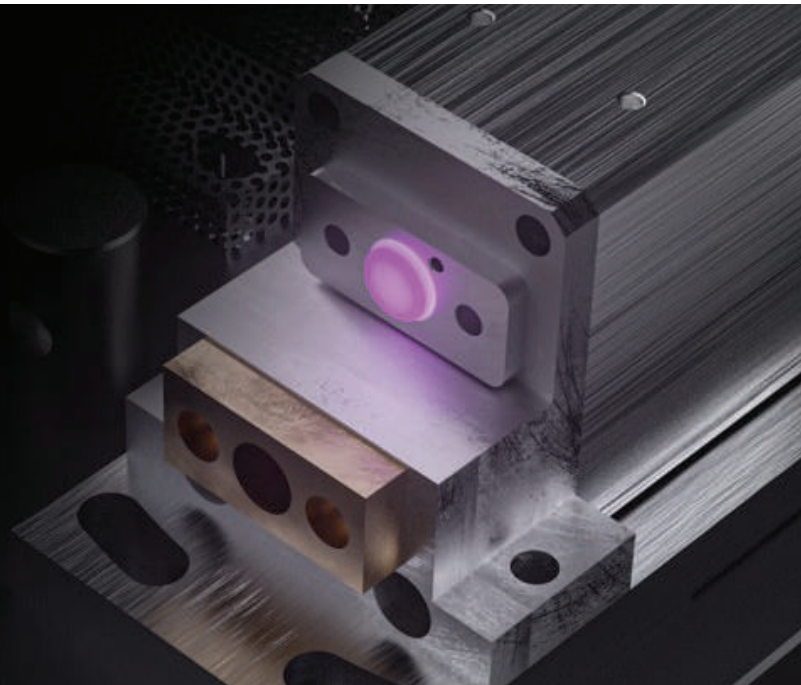
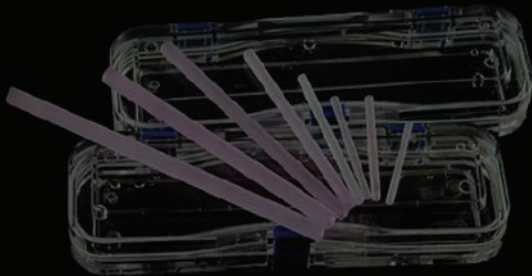


Before And After



Purple Laser Rod

Under the same laser rod length, the larger diameter, the higher magnification and greater output energy released.



Indications

Dermis pigmentation:

Birth mark, such as: Ota nevus, Ito nevus, black nevus
Pigment, such as: sun-burn spots, age spots, speckle, freckle, senior fleck etc.

Man Made pigments:

Blue, black, red, brown tattoo, lips line, eyebrow line etc.

Epidermis Pigmentation, Speckles:

such as freckle, senior flecks, coffee spot etc.

Vascular Lentigines:

vascular lesion, spider vessel, spider veins

Skin rejuvenation with laser peeling



Features & Specifications

System Type	Picosecond	Long Plulse	Genesis
Wavelength	1064nm, 532nm	1064nm	1064nm
Pulse Width	2000ps	Single: 500-5000us Multi: 100-300µs	2000ps*3
Max. Rep Rate	Up to 10 Hz	Single: 1hz Multi: 1-10hz	Up to 10 Hz
Spot Size	2-10mm	2-10mm	2-10mm
Maximum Energy	Single Pulse: 1064nm: 100-800mj 532nm: 100-400mj Double Pulse : 1064nm:100-1600mj 532nm: 100-800mj	Single: 1-30mj Multi: 3000mj	2400mj
Light guide beam	650nm red laser	650nm red laser	650nm red laser
Power	220V, 10A, 50/60Hz		
Dimensions	680mm × 400mm × 820mm		



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