

PICOTECH

Pico second
ND:yag Laser Skin care system
Model No.:SP-1



What is Pico second laser?

Pico second laser is the latest new generation technology for aesthetic use. Through trillions of a second and powerful laser energy to grind the pigment in the skin tissue to reach the result of completely tattoo removal and pigment in all type of skin color.

Through specialized fractional lens, Pico second laser can convert laser energy into gentle pressure to create new collagen by squeezing cells and activating the natural cell without burning or damaging the skin.



What is Pico second laser?



- 1 532nm can remove the superficial pigment in the area of eye round, such as birthmark, nevus of Ota, Coffee spot, red color tattoo and vascular lesions, erythema mole.
- 2 585nm can remove the superficial pigment in the area of eye round, such as birthmark, nevus of Ota, Coffee spot, red color tattoo and vascular lesions, erythema mole. More suitable for dark skin color.
- 3 650nm can remove the green color tattoo and blue color tattoo.
- 4 1064nm can remove the derma layer pigment in the face and body, sucha birthmark, nevus of Ota, coffee spot, blue and black color tattoo.

Advantage of Pico second laser

High energy & Short pulse duration:

The power emits in trillions of a second to skin tissue, which can explode the pigment into much more small pieces than traditional Q:switch laser. The pigment pieces can be absorbed more easily and faster.

Minmal risk and less pain

Since the pulse duration has been reduced thousand of time, less damage of skin is realized. The treatment is more safe and less pain.

No anesthesia during the treatment,

No inflammation.

Fast:

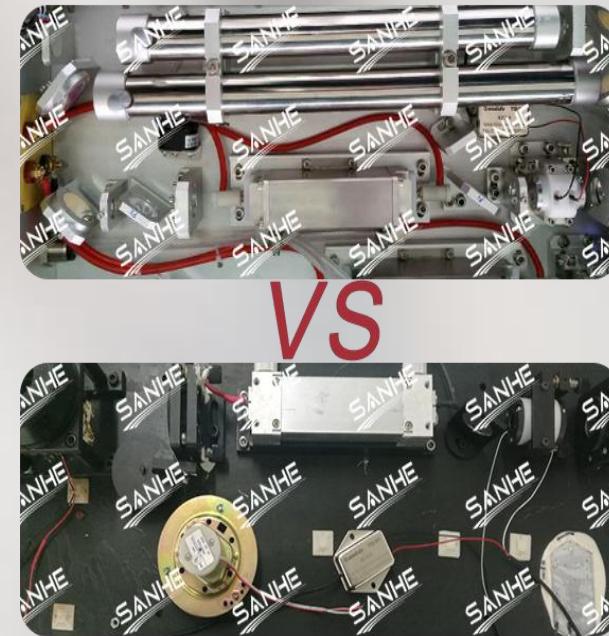
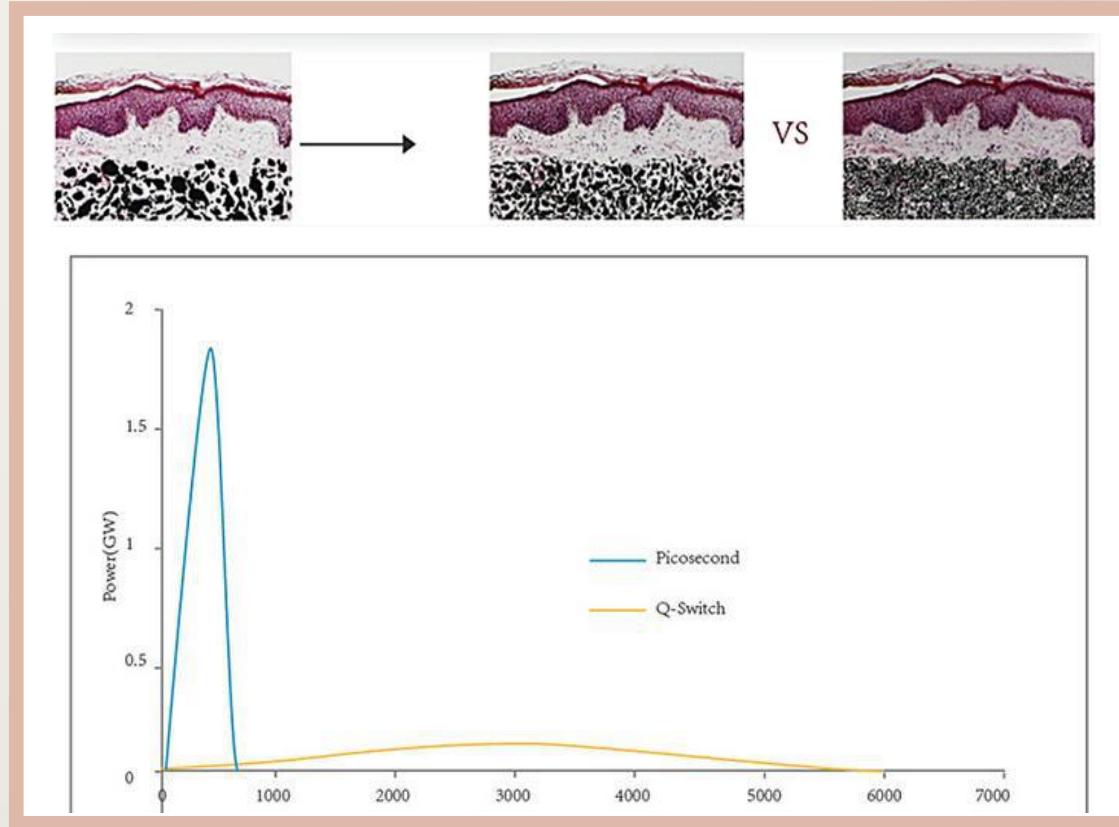
For tattoo removal, usually 6-8 treatment is necessary by Traditional Q:switch laser. With pico second laser, only 3-4 treatment is needed only for completely removal.

High performance

Completely removal of tattoo and pigment can be reached with Pico second technology.

Suitable for skin color from I-IV skin Type, no hype pigmentation after treatment.

Picosecond VS Q-Switch performance comparison



Treatment Range:

01

Body tattoo, eyebrow tattoo
and lips line .

02

Pigment of epidermis and
derma layer.

03

Nevus of Ota and birth mark.

04

Freckles, Black spot, Age
spots ,Coffee spots and
sun-burn spots.

05

Skin rejuvenation, skin
whitening and resurfacing.

06

Acne scar removal and blood
vascular clearance

Technical Specification

Laser Type: Pico second ND: YAG Laser

Energy Level:	Max 500mj (532nm), Max 800mj (1064nm)
Wavelength:	1064nm, 532nm (650nm and 585nm Optional)
Pulse Duration:	500ps
Repetition frequency:	1-8Hz
Spot size:	2-10MM
Dimension:	90×45×170cm
Weight:	113kg

Q & A

How many treatments are necessary?

The number of Picosecond laser treatments for unwanted pigmentation will vary depending on the condition being treated and how each individual responds.

For tattoo removal, the size, location and density of ink play important roles in how quickly clearance can be achieved, but 3-4 treatments is common for modern tattoos.



How long does the result last?

Tattoo removal and acne scar results are permanent.
Skin rejuvenation treatment results are long lasting, but
some pigment conditions can be recovered.

Will be there scarring?

Pico-second laser is designed with safety , and the scarring are very little. Tattoo removal treatments require higher energy than skin rejuvenation and some patients may experience hypo pigmentation but this is usually temporary .



What is recovery time?

Recovery times are dependent on the condition being treated and each patient's ability to heal. usual treatment intervals are 6 weeks for tattoo and 6-8 tattoo removal. Treatments for acne scars and skin rejuvenation using the fractional lens which can be performed every 3-4 weeks.

Is Pico second laser safe?

Pico second laser ultra-fast pulses work to minimize the amount of heat that is transferred. Less heat means less damage to surrounding skin and less risk of damage



Do I have to avoid the sun after the treatment?

After laser treatments for tattoos removal and unexpected pigment, the skin is more easily damage to sunlight. So minimizing sun exposure and use of sunscreen of SPF30+ is recommended.

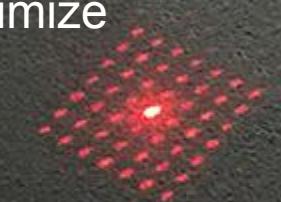
How long does the procedure take?

It depends on the size of the area to be treated, and 10 minutes is common for average sized tattoo and skin rejuvenation treatments.



What does pico second laser feel like?

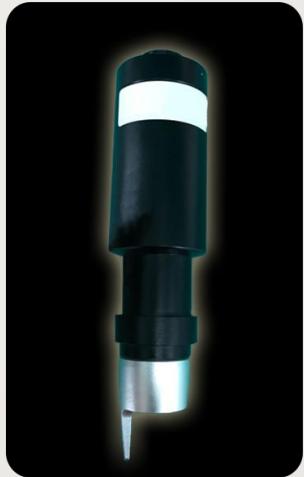
Most people experience very little discomfort and describe skin rejuvenation treatments as feeling like the snapping of a rubber band. Because tattoo removal treatments use more energy, patients may experience more discomfort, but your treatment provider should be able to offer numbing cream or other aids to minimize discomfort.



Accessories List



OPTIONAL



Cellular



585nm



650nm



Focus lens



User-friendly Interface



Parts of the body model



Parameter adjustment model

Before & After



THANKS

Welcome to consult more!

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