THE NEW ERA OF TATTOO AND PIGMENTED LESIONS TREATMENT

PICOFOCUS

Ultrashort pulses

Multi Wavelengths Optional

Higher Peak Power

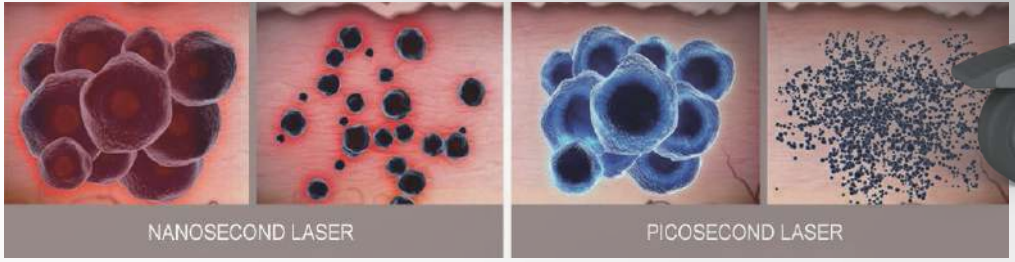
AN INNOVATION IN THE CHANGE OF THE LASER TECHNOLOGY

PICOFOCUS® represents the second generation of picosecond lasers that due to its proprietary technology, is the most innovative medical laser available today in the market.

The safe and powerful picosecond laser for use in aesthetic medicine gives ultra-short energy impulses with a duration of trillions of a second into the skin. The pulse width of the technology used by Picoshot is only about one hundredth of that of a nanosecond laser. The photomechanical effect is unique: better results with less Treatments.

The innovation introduced by PICOFOCUS® is the level of peak power through ultrashort pulses that is twice more powerful than any other Picosecond laser. This has enhanced the treatment results increasing the efficacy on hard-to-treat tattoo inks with a general reduction of the delivered average energy dose compared to traditional Q-Switched lasers.

The PICOFOCUS® allows you to treat a wider range of skin types and many different tattoo colors. With the ultrashort Picosecond pulse duration, the pain during treatment is lower and the healing is faster. Professional and multicolor tattoos can be removed in far fewer sessions than with traditional Q-switched lasers.



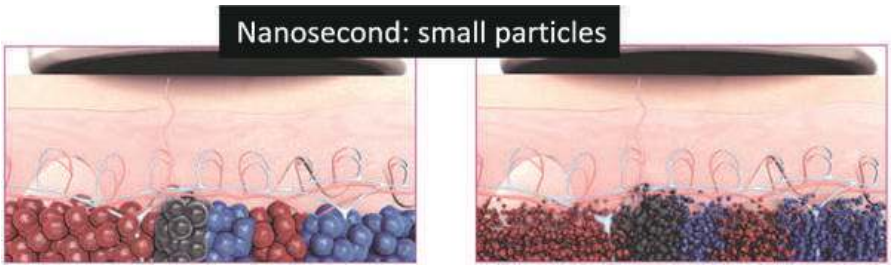
PICOFOCUS

INDICATIONS

The picosecond pulse is more than just protecting the surrounding tissue from heat shock,it transfers a larger energy into the target structure breaking up the pigment and bringing it into even smaller re forms faster for the bodyand are more easily degradable. This effect is not only used for tattoo inks but also for many other indications like:

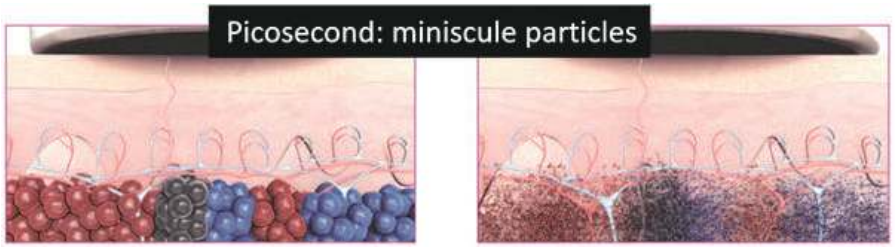
- Melasma
- Age Spot
- Birthmark
- Nevus Ota
- Freckles
- Seborrheic keratosis
- Skin Rejuvenation
- Post-acne erythema
- Inflammatory acne
- rosacea

PICOSECOND LASER VS NANOSECOND LASER



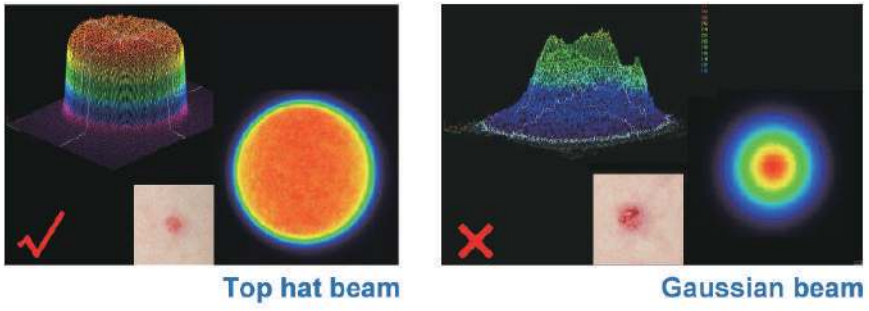
More Effective & Faster Result

Picosecond laser is 100 times faster than traditional nanosecond technology, as a result, the picosecond laser system breaks up tattoos faster than traditional lasers. Picosecond laser will shatter even tiny ink particles making it easier for the body to clear the tattoo ink.



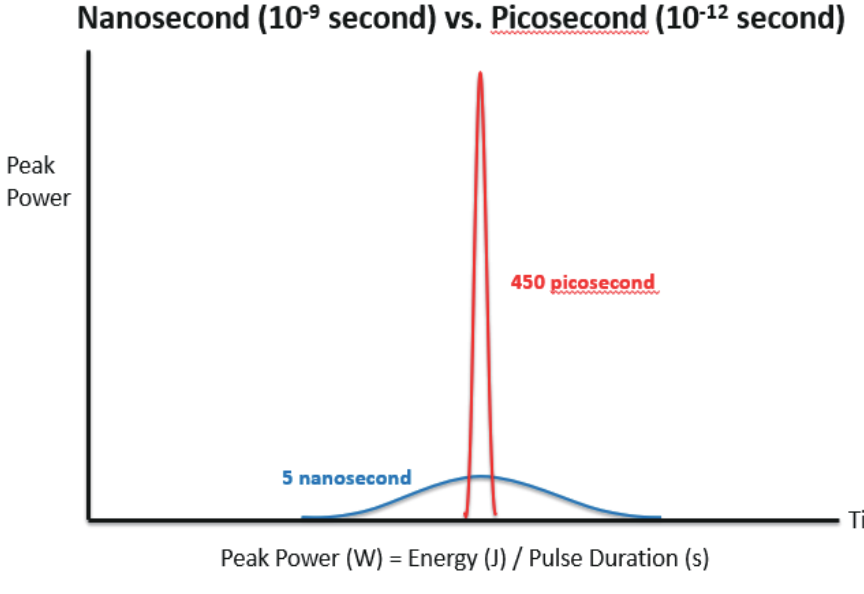
Minimized Risk & Minimal Discomfort

Minimized Risk and Minimal Discomfort: The ultra-short pulses also optimize the delivery of energy to the targeted ink particles ensuring the ink is effectively treated, while the least amount of heat gets transferred into the skin, you'll feel minimal discomfort throughout the procedure.



Top Hat Beam Profile

A pulse with a flattop profile distributes the high-energy radiation particularly evenly, which destroys the target structures without affecting the surrounding tissue and significantly injuring the epidermis.



Much Higher Peak Power

High Peak Power Means Greater Efficacy

The high energy levels of Picofocus allow pigment/tattoo removal with fewer treatments compared with other competing laser systems.

PICOFOCUS

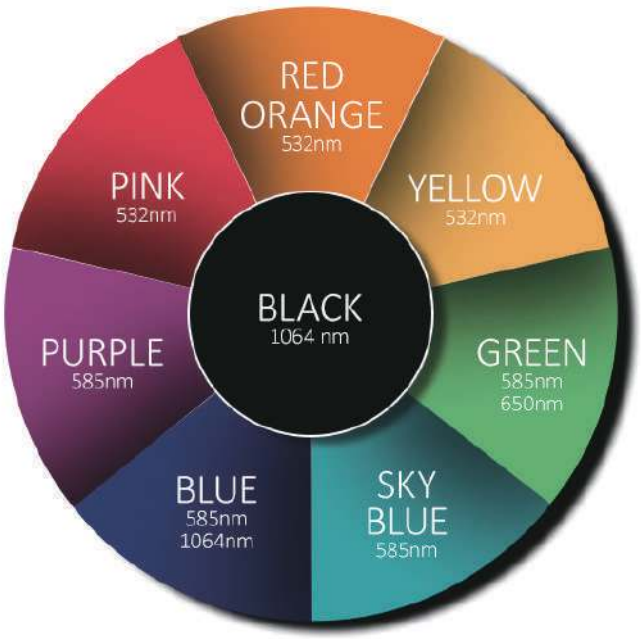
FOUR WAVELENGTHS
FOR EFFECTIVE SHATTERING OF THE MOST POPULAR PIGMENT/INK COLORS

1064nm HP(Standrad Configuration)

532nm HP (Standrad Configuration)

585nm Dye Laser HP (optional)

650nm Dye Laser HP (optional)

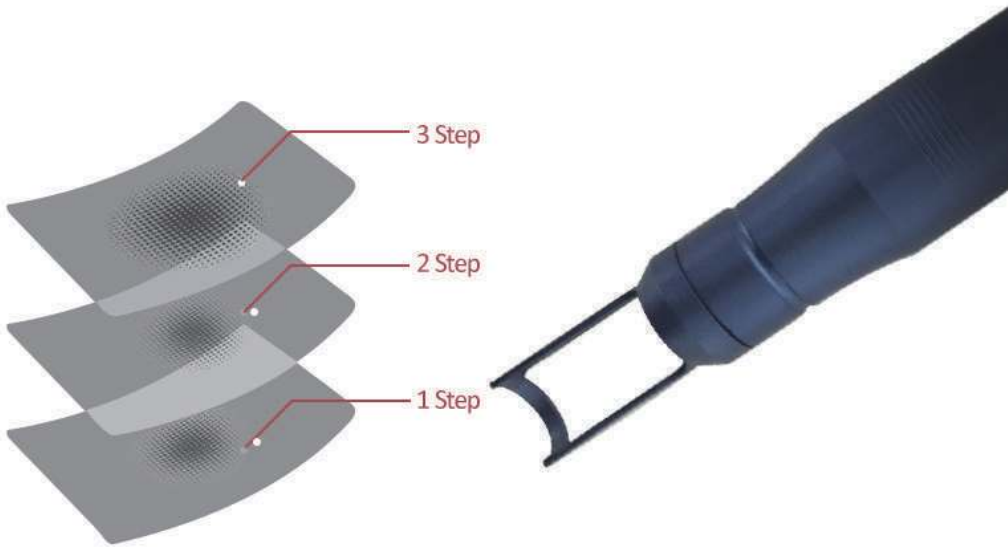


With the four wavelengths 1064nm, 532nm, 650nm and 585nm target 9 of the most frequently used tattoo colors ranging from light orange to dark black.

PICOFOCUS

PICOFOCUS

FRACTIONAL HANDPIECE



The fractional handpiece is indicated for the treatment of acne scars and wrinkles, also could improve skin texture as rejuvenation. The treatment could stimulate the production of new collagen and elastic fibers, which result in reducing fine lines and pores size, increasing skin elasticity and improving skin condition.

The fractional handpiece will create collagen and elastin in dermis will be simulated, thus thicken the dermis and improve the skin conditions. There are no wounds on the skin after treatments, only with a very short downtimeas simple post treatment care is needed.

SPECIFICATIONS

Wavelength	1064nm 532nm Standard; 585nm,650nm Optional
Energy	600mj (1064nm) ; 300mj (532nm)
Peak Power	1064nm 1.33GW; 532nm 0.67GW
Frequency	1～10Hz
Zoom Spot Size	2-10mm Adjustable
Pulse Width	450ps
Beam Profile	Top Hat Beam
Light Guiding System	7 joints Arm
Aiming Beam	Diode 655 nm (Red),
Net Weight	95kg
Dimension	680*790*1200m