

PICO SECOND LASER

532nm


785nm


1064nm

**Tattoo
removal**

**Skin
rejuvenation**

**Pigment
removal**

 **Ultrashort pulse**

 **Unlimited Shots**

 **High Peak Power**



WORKING PRINCIPLE

Utilizing the explosive effect of the Picosecond laser, it permeates into the dermis containing the pigment mass through the epidermis. The laser pulse is in picosecond with super high power. This causes the pigment mass to swell quickly and be broken down into small particles, which are then eliminated through the body's metabolic system.



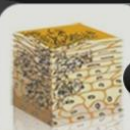
1

Pigment granules
in skin



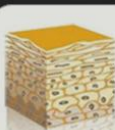
2

Pigment granules are
heated and expand
when absorbing laser
energy.



3

Pigment granules
expand
and crack



4

Pigment granules
are finally removed.



Whats is the difference between **Picosecond Laser** and Traditional nanosecond laser?

Traditional nanosecond

Traditional nanosecond laser predominately relies on the photothermal action, delivering heat to the pigment and surrounding tissues.

effect



Picosecond

Picosecond laser shatters the target ink into tiny particles that are easily eliminated by the body.

effect



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