

750 ps

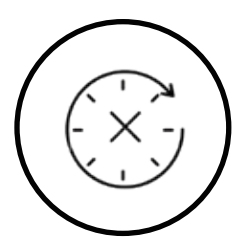
Width pulse
(If over 1000ps, it is nano, not pico)

500 mJ

Peak power
(Max energy&blast speed)

PIGMENT REMOVAL SKIN SELF-HEALING

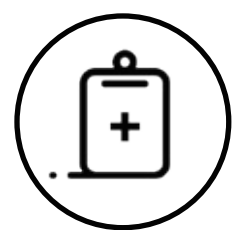
Superpico ultra-short pulse duration goes beyond photothermal action creating an intense photomechanical impact, resulting in greater disruption of the target for better clearance with fewer treatments, less fluence and without injury to the surrounding skin. Even dark, stubborn blue and green inks, as well as previously-treated, recalcitrant pigments can be removed.



Shortest Down time



Smallest skin lesions



Least treatment times



No risk of anti darkening

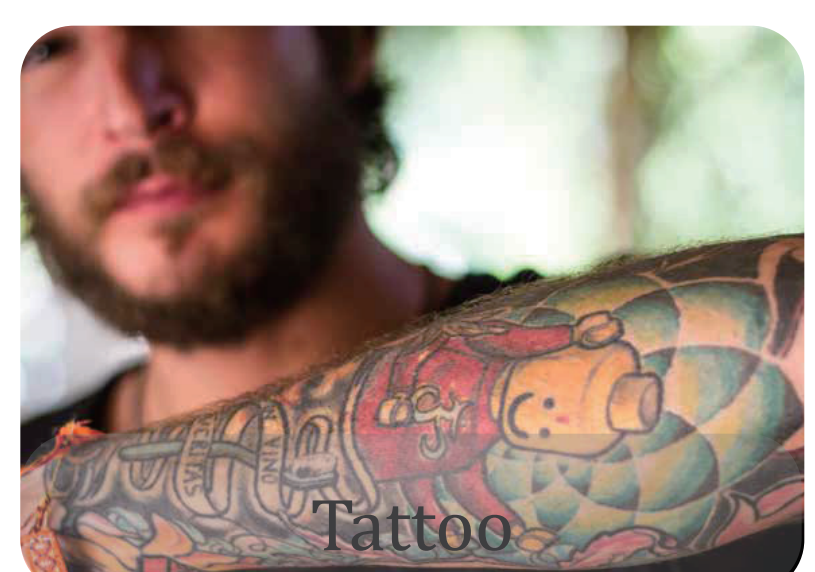
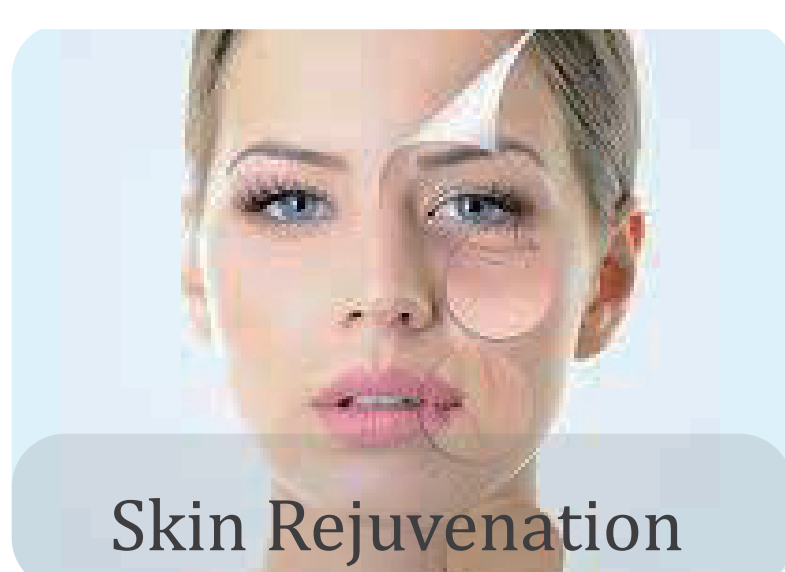
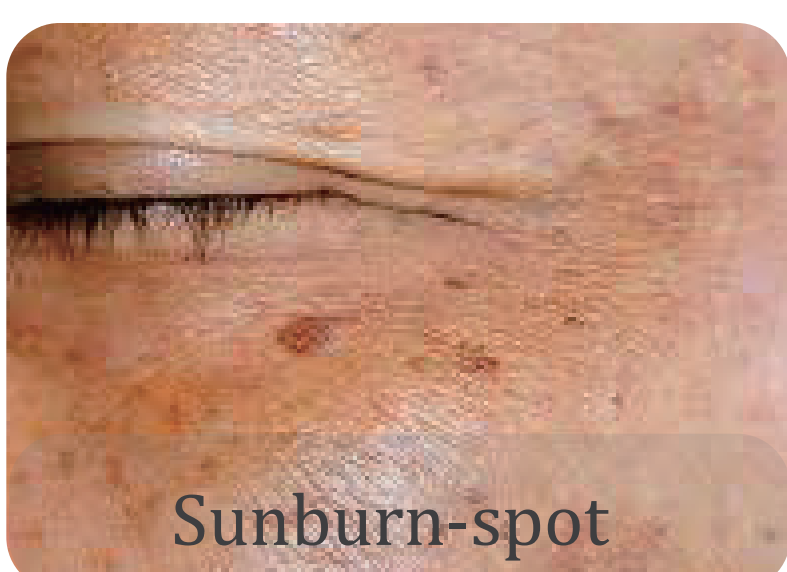
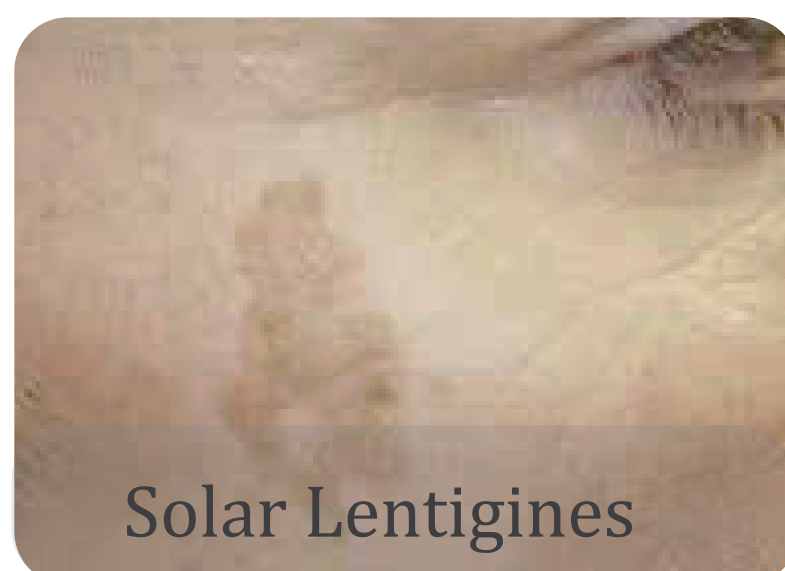
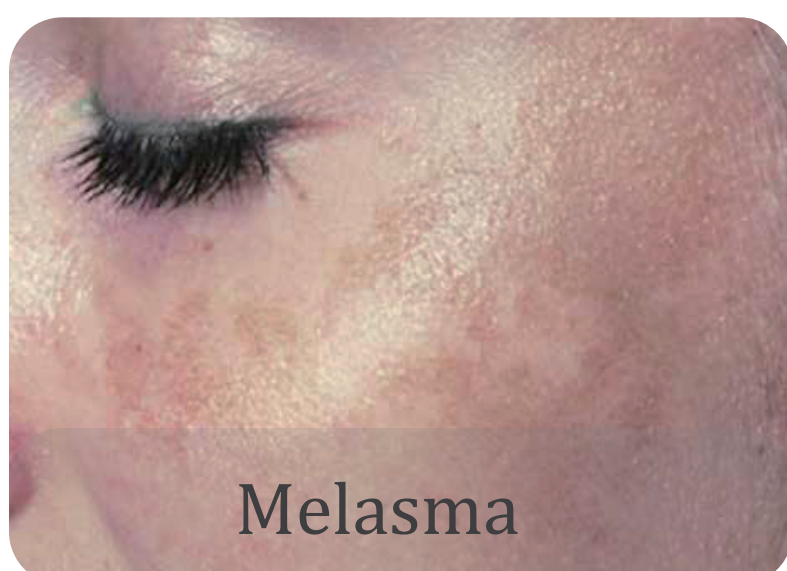
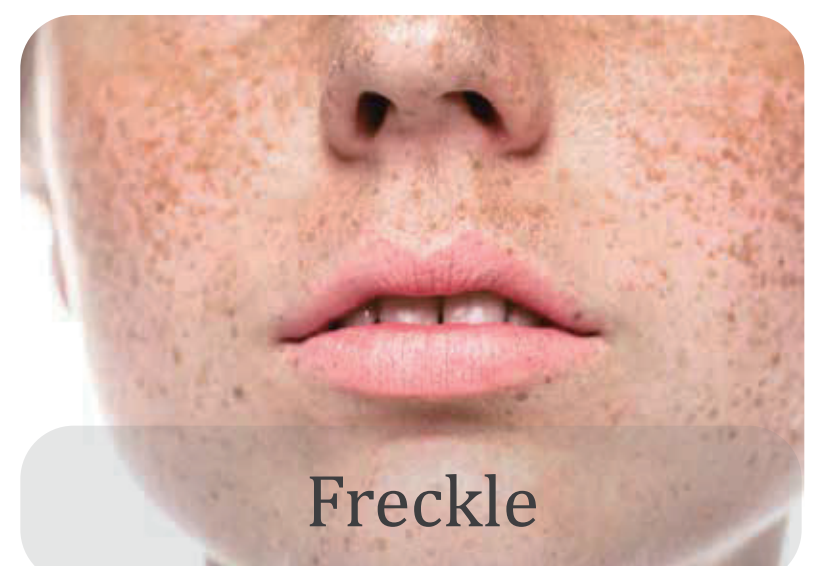
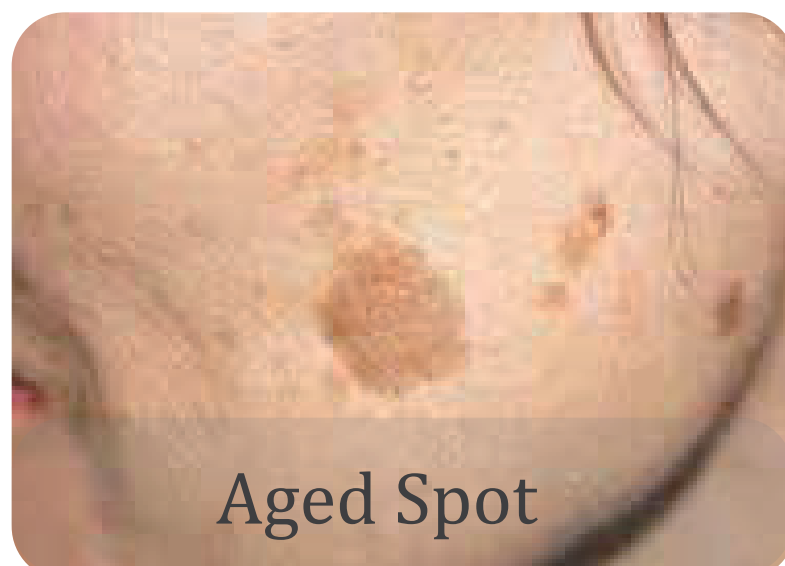


Activate skin repair
mechanism



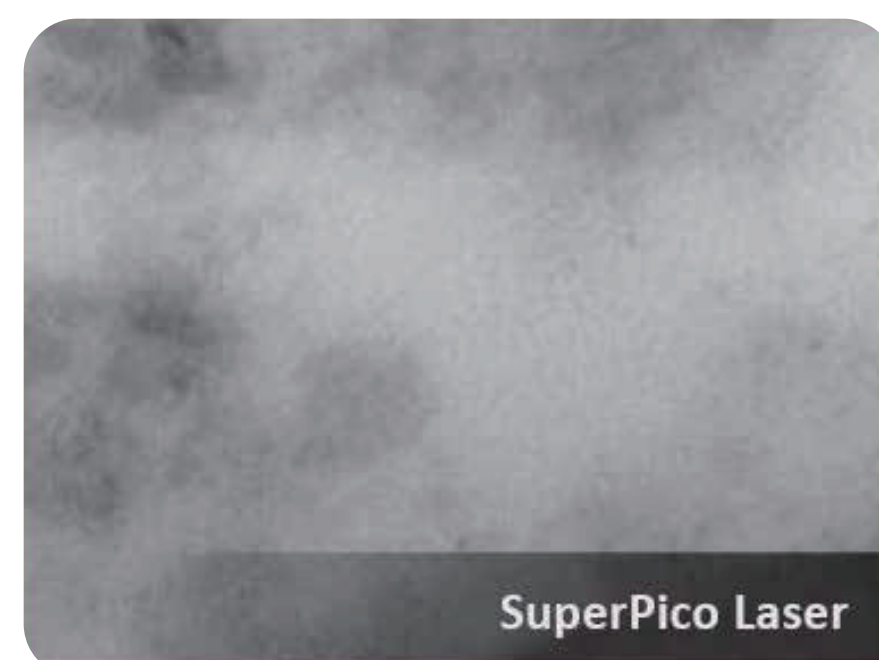
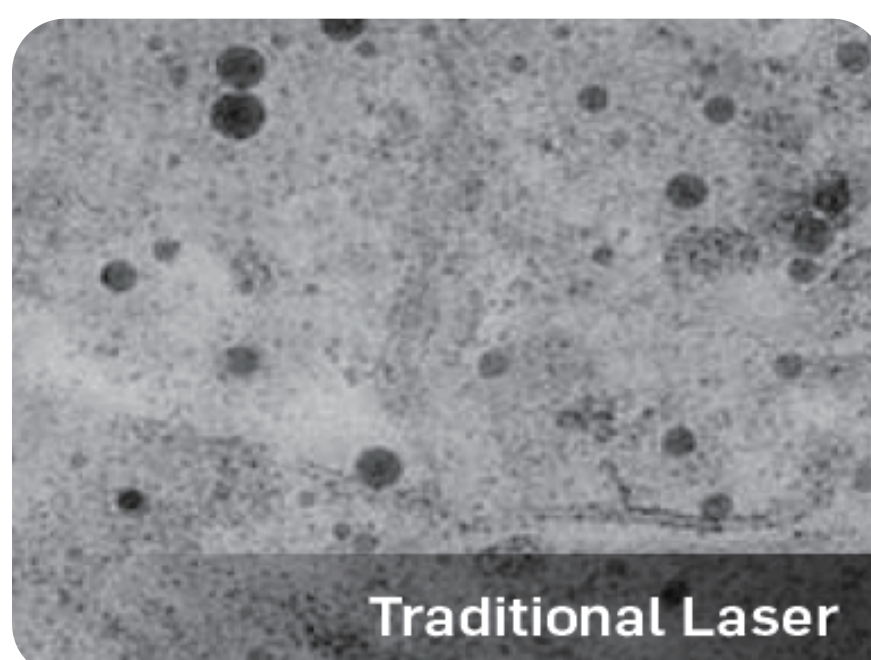
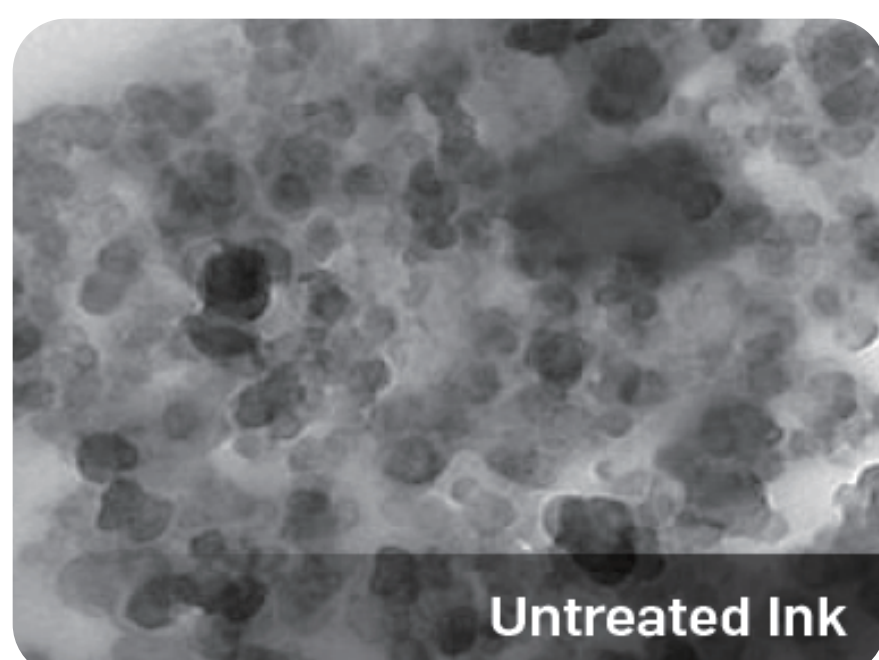
Application

All pigmentation concerns



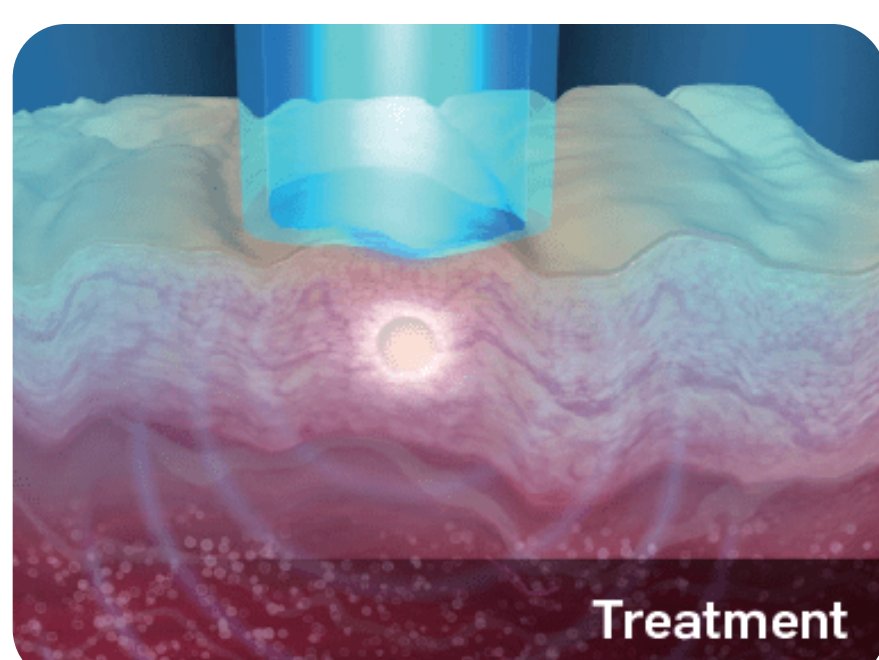
Theory

Pigment removal

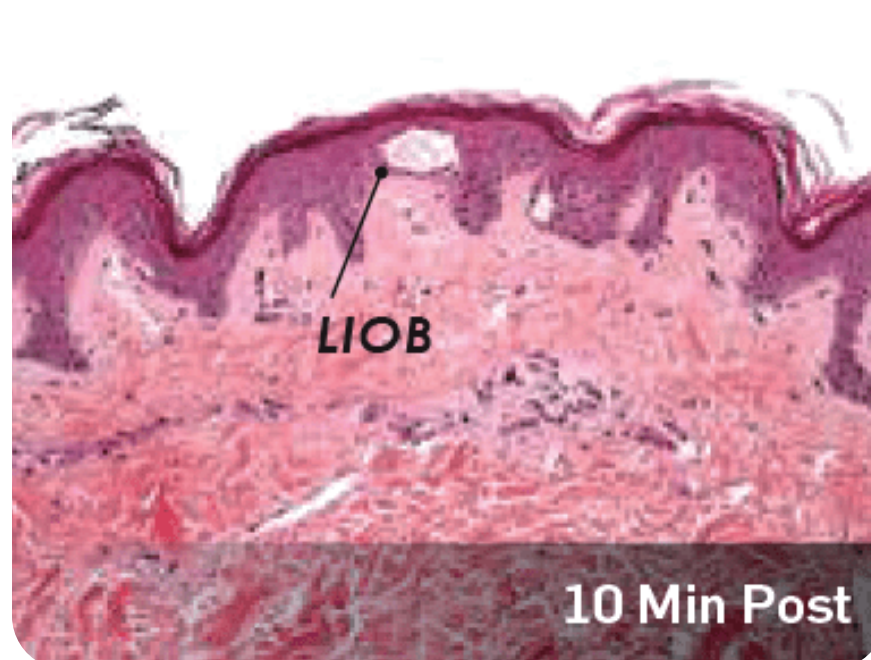


Picosecond mode of operation is based on delivering ultra-short picosecond pulses of energy into the skin tissue. By the principle of light mechanical shock wave, pigment is "shattered" into finely granular via focused energy, are more likely to be absorbed by the body metabolism. Picosecond laser will minimize the side effects of thermal effect, and achieve the goal of almost solve all kinds of pigment spots, is better than traditional laser spot whitening effect.- Suppose pigmentation as rocks, conventional laser smash rocks to the size of pebbles, while pico-second lasers smash rocks to dust.

Activating cell



The Focus Lens Array delivers 20x the energy density of a normal. SuperPico pulse to begin activating cell signaling.



Intra-epidermal Laser Induced Optical Breakdowns (LIOBs) form and cause pressure waves that propagate into the dermis, triggering pressure injuries to activate cells.



Cell signaling initiates an enhanced inflammatory healing response that leads to increased collagen and elastin and ultimately revitalizes skin.

Clinic Data

A course of treatment is 3–10 times, according to pigmentation’s age/content/pigment type.



Before After 1st treatment After 4th treatment After 5th treatment

Male / Age 27 /
III skin type

Pigment type Tattoo
Tattoo age 5 years
Tattoo color Blue and Green
Treatment times 5 times

Female / Age 41 /
III skin type

Pigment type Chloasma
Pigment age 5 years
Pigment color brown
Treatment times 6 times



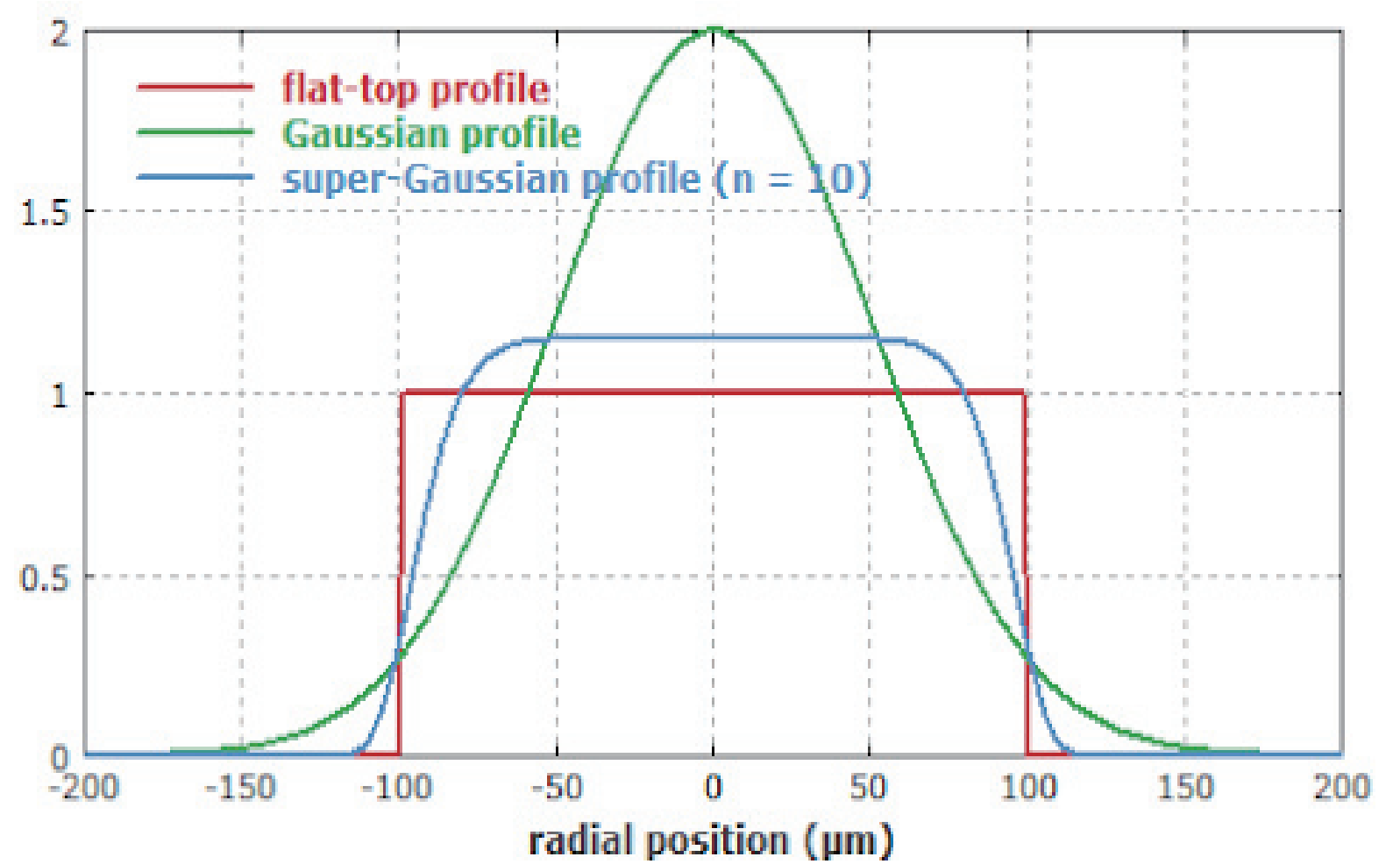
Female / Age 42 /
II skin type

Application fine wrinkle removal
wrinkle age 2 years
Treatment times 2 times

Technical Advantages

01 Flat-top output

- High efficiency output of flat-top
- Stable&even output in min diameter&power and max diameter&power



02 Durable power

- Laser sources installed in national-grade dust-free labs
- Digital Phosphor Oscilloscope proofs output precisely in amount
- 240min continuous testing before delivery



03 Least energy loss

- High accuracy handpiece control energy transferring loss within 2%
- Perfect restoration after 180 degree arm bending
- Spot size adjustable on handle



04 User-Friendly Screen

- Versatile Platform enabling Multiple bespoke Treatment
- 90°adjustable for best viewing



05 Appearance

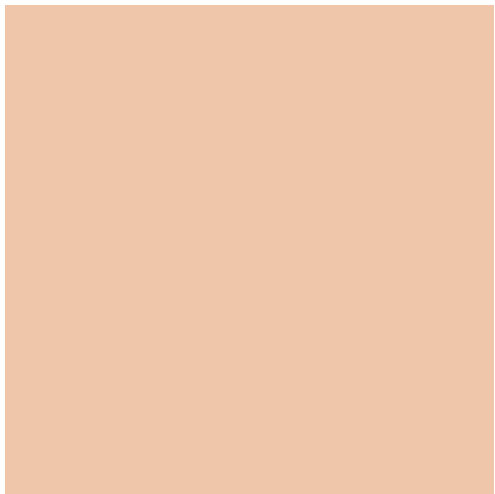
- New injection molding machine case, high quality and looks more professional
- Fast-open in 4 sides of appearance, 4 second to reach every part
- Modularized components makes maintenance super convenient

Specification

Power	2500W
Laser type	1064nm Focus Lens probe
Frequency	2-10Hz
Duration	Dynamic light 750ps
Energy	1064@100mJ-1000mJ,step 200mJ, 532@50mJ-500mJ, step 100mJ
Energy stability	3%@1064nm/532nm (Standard deviation/Average)
Cooling way	Air cooling + water cooling
Dimension/weight	Machine 98*36*88cm/100kg Package 100*47*113/141kg

Benefits

Safe for all Fitzpatrick skin types I–VI



Type I



Type II



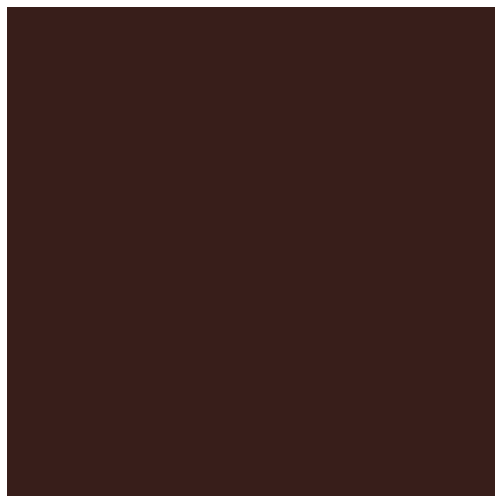
Type III



Type IV



Type V



Type VI

SuperPico Laser can generate up to
\$2,000/session

Treatment Area	Average Fee	Sessions	Total
Melasma	1000	4	\$4000
Freckle	500	2	\$1000
Spot	500	3	\$1500
Birth mark	800	4	\$3200
Tattoo	700	4	\$2800
Skin rejuvenation	1000	1	\$1000
Wrinkle removal	500	3	\$1500