

1927 nm Thulium laser



Skin
Tightening

Pigmentation
Removal

Collagen
Cultivation

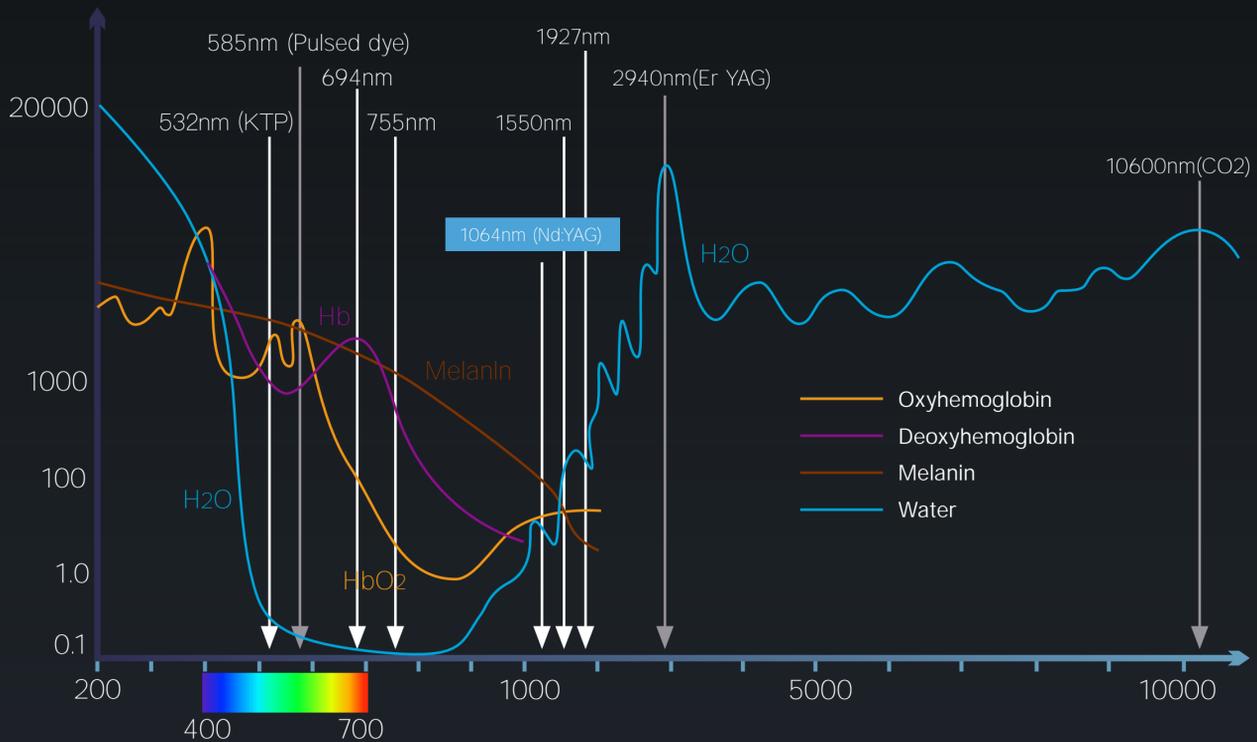
Wrinkle
Removal

What is a Thulium Laser?

Wavelength: 1927nm

Penetration depth: Skin surface and superficial dermis (usually about 200 μ m–300 μ m)

Treatment Principle:



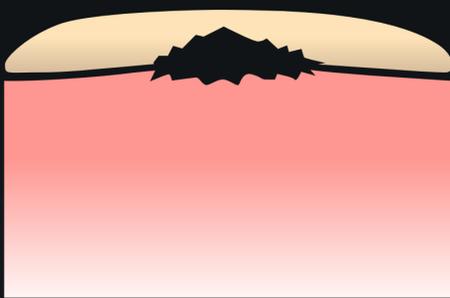
This machine is a non-ablative skin resurfacing and rejuvenation laser delivering remarkable results with minimal downtime. Moreover, This is excellent way to treat melasma, pigment lesions, wrinkles, large pore and more by adjustable energy intensity and pulse duration simultaneously during procedure. In order to treat pigmentation on epidermal basal layer, this sub-ablative from this system(Thulium laser, 1927 nm) would be the best indication because there are lots of melanocyte & melanin on epidermal basal layer.

Thulium vs CO2

The dyed images show that the energy depth of 20mj CO2 superficial peeling is similar to that of 1927nm laser, but 1927nm can keep the stratum corneum intact, while CO2 can severely damage the stratum corneum even if it is superficial peeling.

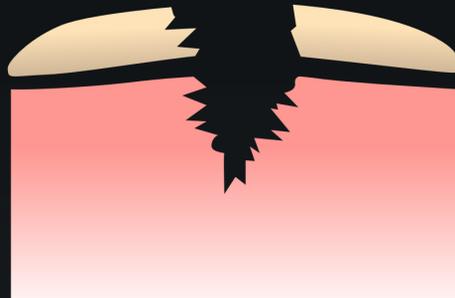
Sub-ablative

Thulium 1927nm



Ablative

CO2 10600nm



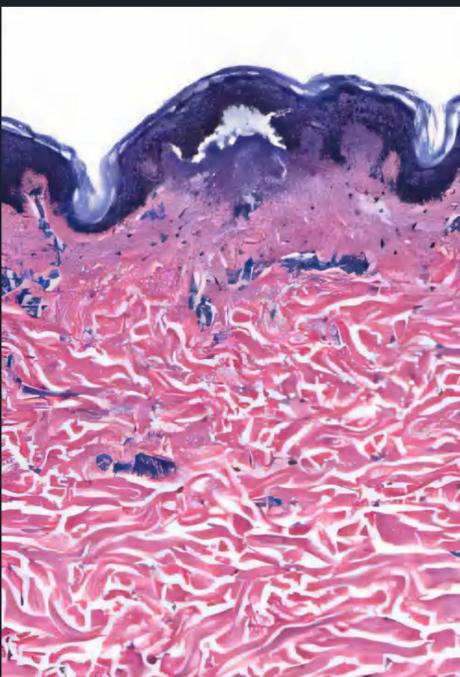
Comparison: 1927nm vs. 10600nm

1927nm Laser

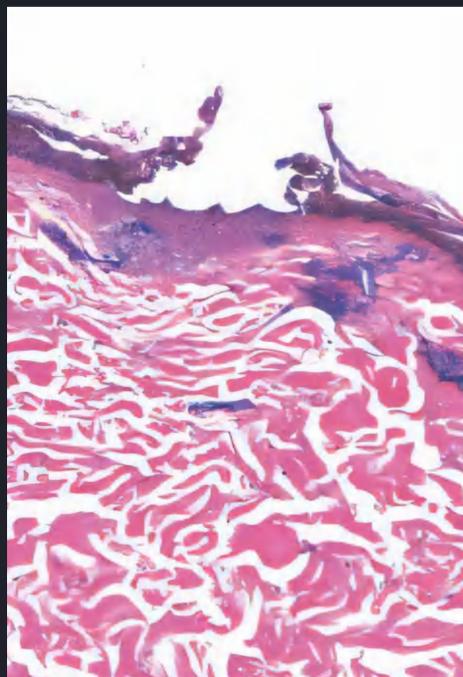
- Superficial (Epidermal/Dermal Junction)
- Pigmentation, Fine Lines, Delicate Areas
 - Under 24 Hours Downtime
 - All, Safer for Darker Skin

10600nm Laser

- Deeper (Dermis-Focused)
- Scars, Deep Wrinkles, Tightening
 - 3~7 Days Downtime
 - All, Caution in Darker Skin



Superficial non-ablative 1927nm



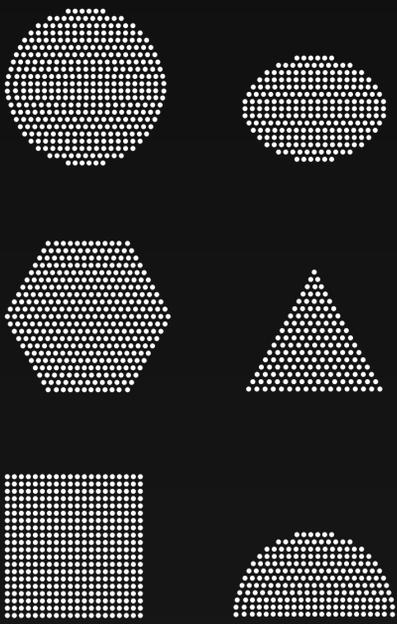
Superficial ablative CO2 treatment

Laser

30W high-power laser, stable transmission, long service life

6 Modes With of Shapes

Multiple scanning graphics, which can be selected according to the treatment part and the tissue area.



Gold-plated lens, fine and uniform spotting, stable output, significant treatment effect

12.1-INCH HD SCREEN

Ultra-thin border ultra-large display screen ratio



Customized Cart (Optional)

Bespoke design integrates the device with the cart, balancing storage and aesthetics while delivering enhanced mobility and a premium feel for a superior experience.

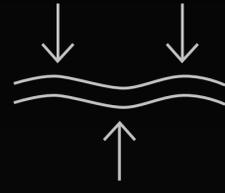
Treatment Range



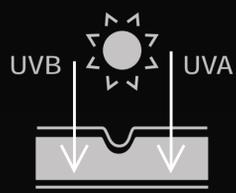
Pigmentation



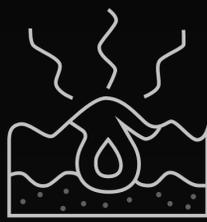
Enlarged pores



Wrinkles & Fine Lines



Sun Damage



Acne Scars



Hair Loss



Uneven Skin Texture/Coloration

Before & After



Age spot



Enlarged pores



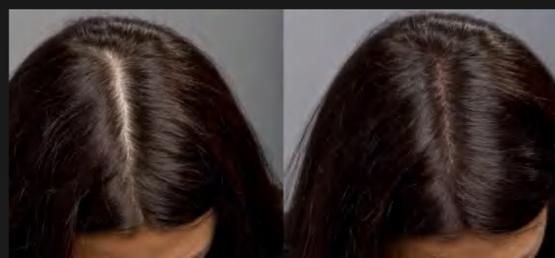
Acne Scars



Wrinkles



Sun Damage



Hair Loss

Specifications

Power	1000W
Wavelength	1927nm
Output Power	30W
Output Mode	220V/110V
Operating Voltage	Single, Pulsed Mode
Screen	12.1-inches
Transmission Method	Beam Delivery Fiber
Focal Spot Diameter	0.1mm
Pulse Width	0.1ms - 10ms
Scan Size	2mm - 20mm
Scan Mode	Sequential, Centered, Random
Scan Pattern	Semicircular, Square, Triangular, Circular, Oval, Hexagonal
Spot Spacing	0.1-2.6mm

