

Key Principles



LEVANTA PLUS is a system that **combines picosecond and nanosecond emissions in 2 wavelengths**: 532 and 1064 nm.

4 different modalities:

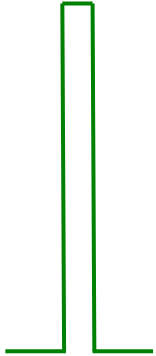
1. Picosecond
2. Nanosecond (QS)
3. DoublePulse
4. ThermalPulse

The different shapes and sizes of the **13 handpieces' spots and the 4 emission modalities** make LEVANTA PLUS is one of the most flexible laser system on the market to effectively treat cutaneous imperfections caused by ageing with minimal contraindication.



Revive Regenerative

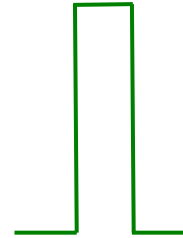
Extremely Flexible Laser Emission



Pico pulse:

One intense very short pulse (< 500 ps) with very high peak power

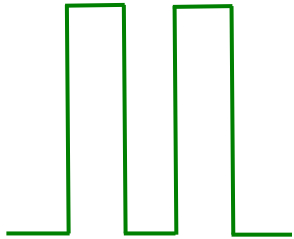
Skin rejuvenation, toning, scars, pigmented lesions, tattoos



Nano pulse:

One single intense short pulse 6 ns) with high peak power

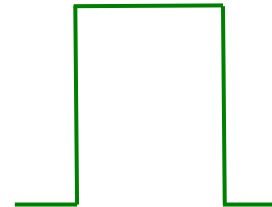
Tattoos, pigmented lesions, skin rejuvenation



Double pulse:

Two pulses of 6 ns delayed by 0.15 ms

Pigmented lesions, skin rejuvenation

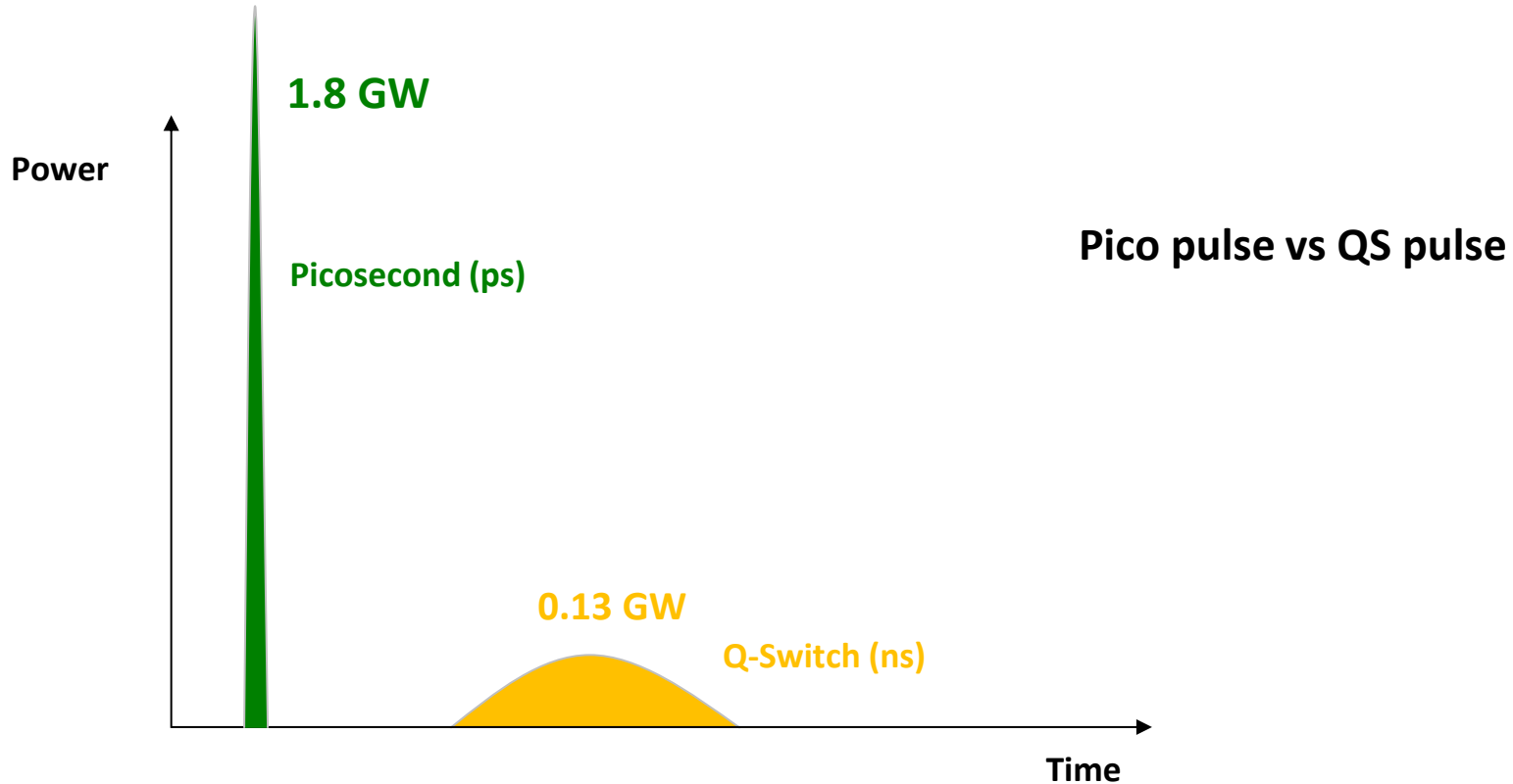


Thermal pulse:

One pulse with longer pulse duration (300 μ s)

Skin rejuvenation, onychomycosis, inflammatory acne

: Q-Switched & Pico Emission



	Energy per Pulse	Pulse Length	Power
QS Pulse	800 mJ	6 ns	0.13 GW
Pico Pulse	800 mJ	450 ps	1.8 GW

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Available Laser Handpieces



Round Handpieces: 4.5, 7.5mm, 9mm

Square Handpieces: 3mm, 4mm, 5mm

Fractional Handpiece: 8mm

Round flat-top handpieces with **Holografic Optical Element (HOE)** are mainly designed for pigmented lesions and for facial treatments.



To change the handpiece, the operator can make easy operations without the need of any tool. The spot sizes and shapes are automatically detected.
NO necessity of turning off the device during this operation

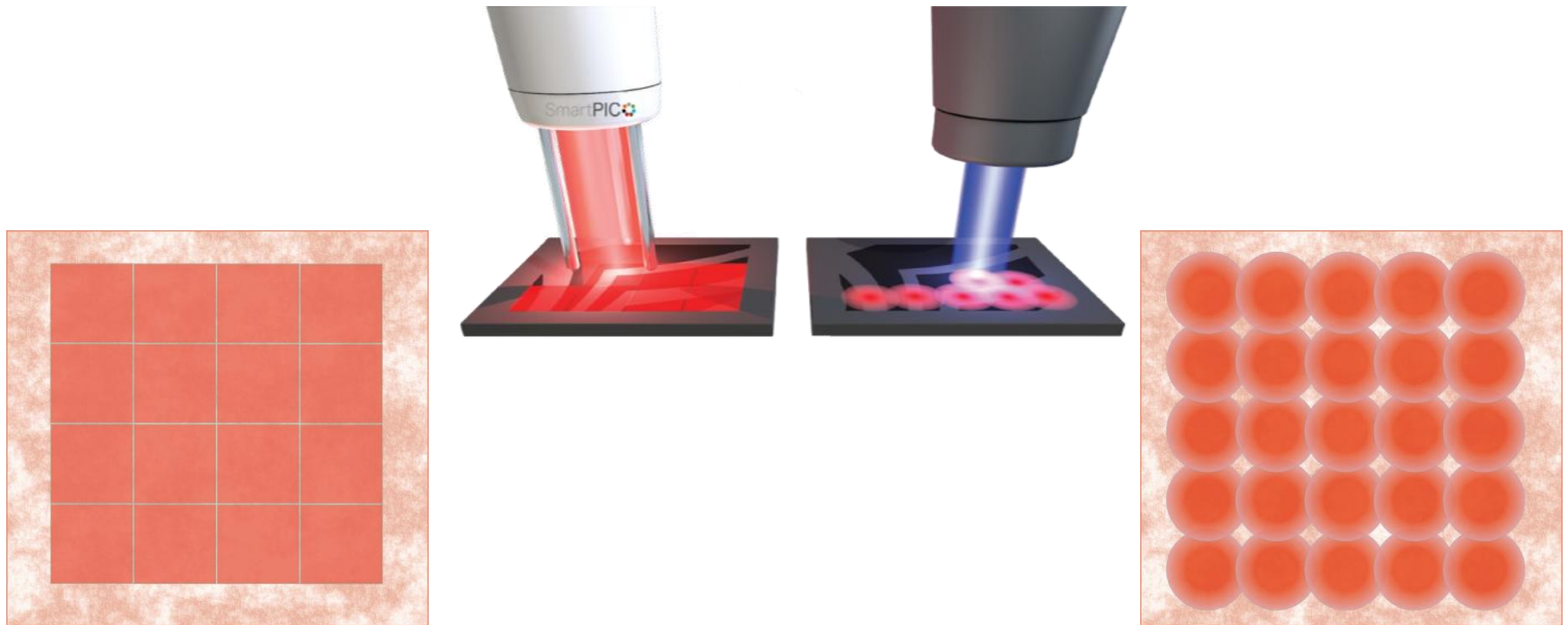
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Square Laser Handpiece



The best choice for tattoo treatment!

With a square spot the treatment area is covered in a homogeneous way while with a round shape it is necessary to overlap spots to cover the whole treatment surface.

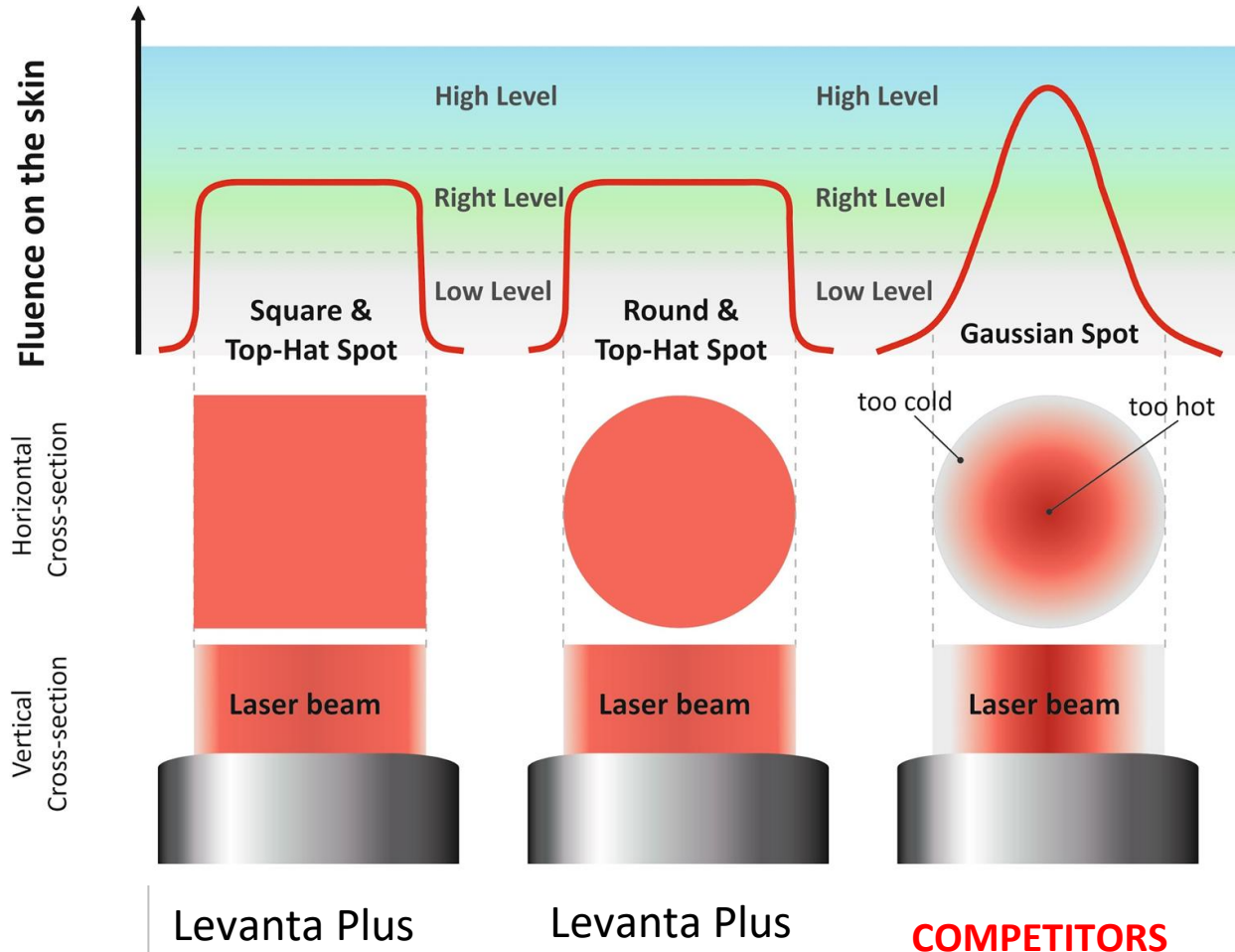


Available spot sizes: 2x2 mm²; **3x3 mm²**; **4x4 mm²**; 5x5 mm²; 7x7 mm²

Flat-Top Beam Profile



For Square & Round handpieces



The laser beam profile must be as homogeneous as possible, otherwise longer healing time and side effects can occur. The extremely high laser peak power of these devices can treat the skin without any "hot points" in the spot size.

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Fractional Laser Handpiece



Spot Size: 8 mm

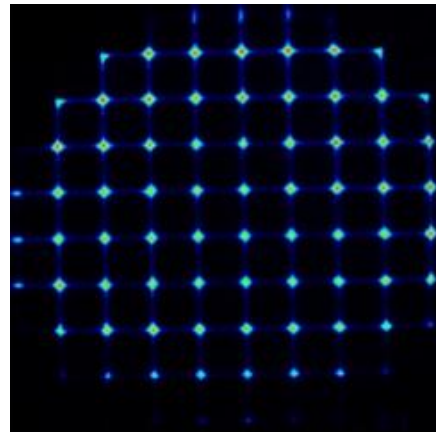
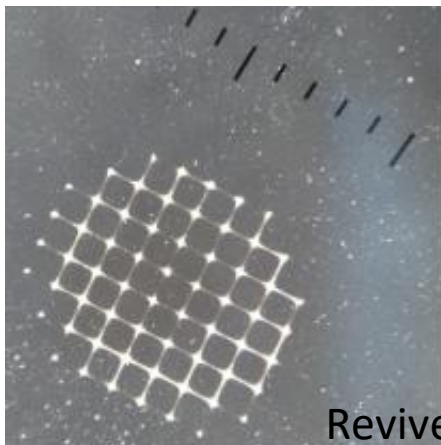
Dot size : 200 μm -0,2 mm

Distance between dot: 1mm

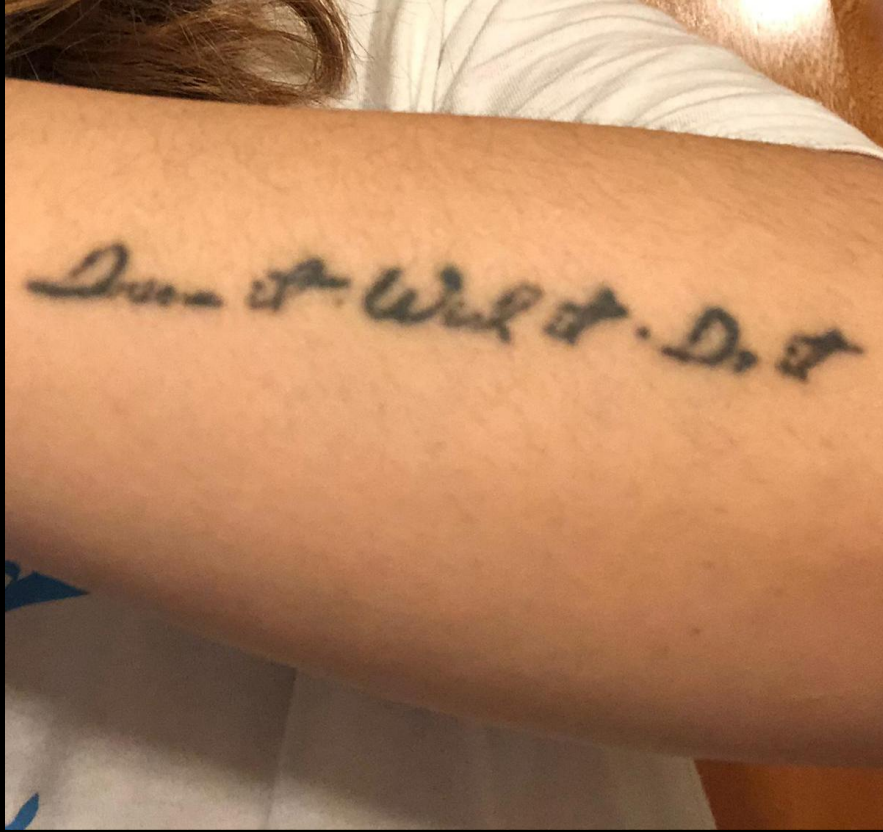
Optical breakdown: 2 mm under the skin

Fluence : 0.07 – 1.45 J/cm²
0,5-11 J/dot

Coverage: \approx 3% @ 532;
 \approx 5% @ 1064 per passage
66 microdots



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Before & After Picture



Courtesy of P. Campione, M.D., Plastic Surgeon –
Italy.
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Before & After Picture



Courtesy of F. Negosanti, M.D. –
Italy.

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