

PASSION FOR INNOVATION

With special attention to the needs of users and patients, Lutronic invests a lot of time and money in the development of devices for the highest standard and continuous improvement. The products and services developed by us should not only meet, but exceed, your expectations and those of patients. For this reason, we developed our PICOPLUS according to these four principles:



INTUITIVE

Designed for the most busy user, the system is a dream to use: instantly switch between wave-lengths and pulse durations without the need for recalibration.



INNOVATIVE

Dual Focused Dots handpiece features adjustable depth micro-beam scanner for procedures.



EFFECTIVE

With four wavelengths: 532 nm, 595 nm, 660 nm, and 1064 nm. This variety of options gave it the versatility to treat even the most difficult cases.



DEPENDABLE

Physicians around the world rely on PicoPlus for optimal outcomes. It self calibrates to maximize uptime.

ATTRIBUTES

Technology	picoseconds & nanoseconds
Handpieces	up to 6 handpieces possible
Pulse length	450 ps, 2 ns
Wavelengths	1064, 660, 595, 532 nm
Indications	Traumatic tattoo, Solar lentigines, the early-stage erythematotelangiectatic rosacea
Frequency	max. 10 Hz
Mains connection	220 V - 230 V, 50/60 Hz
Length	107.8 cm
Width	48.3 cm
Height	111.9 cm and 182 cm with arm
Weight	142 kg
Peak Power	max. 1.78 GW
Spotsize	1 -10 mm

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PicoPlus®

Highest Power & Versatility For Difficult Cases

- Highest Power of Any Multi-Wavelength Picosecond Laser
- Shorter Pulses (450ps) – Reduced Pain & Erythema
- Dual Pulse Width AND Four Wavelengths for Maximum Versatility
- Advanced Proprietary Technology & Elegant Ergonomics



# TECHNOLOGY

## PicoPlus®

### Highest Power & Versatility For Difficult Cases

PicoPlus is the next-generation product following the top-of-the-line series of Q-switched Nd:YAG laser devices perfected by Lutronic over the past 15 years, and challenging the pulse mode from nanoseconds to picoseconds. PicoPlus offered four wavelengths: 532 nm, 595 nm, 660 nm, and 1064 nm. This variety of options gave it the versatility to treat even the most difficult cases. The PicoPlus has inherited this novel feature, but operating in the powerful and stable picosecond domain. The availability of specialized handpieces at four different wavelengths, combined with the ps-domain pulsewidth, makes the removal of both multicolored and black tattoos even more effective.



### VARIETY OF HANDPIECES AVAILABLE



Six PicoPlus handpieces: Among these handpieces, the newest Dual Focused Dots Handpiece is unique, offering both adjustable scan size and focus depth, causing a powerful photomechanical disruption in the target tissue through creation of laser induced optical breakdowns or LIOBs at the desired depth in the dermis or epidermis while avoiding collateral damage.

# INDICATIONS

### THE INDICATIONS OF CE APPROVED PICOPLUS ARE AS FOLLOWS.

PICOPLUS is intended to remove traumatic tattoo (for 1064nm), to remove solar lentigines (for 532nm, 660nm) and to improve the early-stage erythematotelangiectatic rosacea (for 595nm).

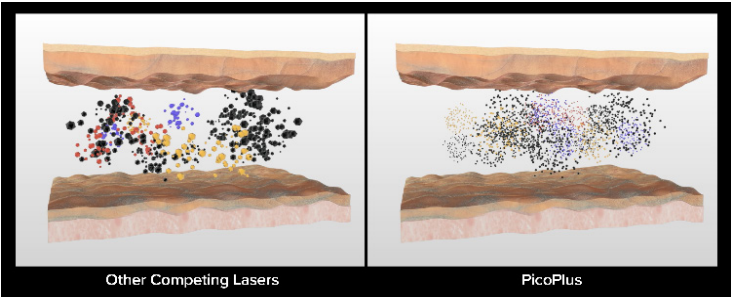
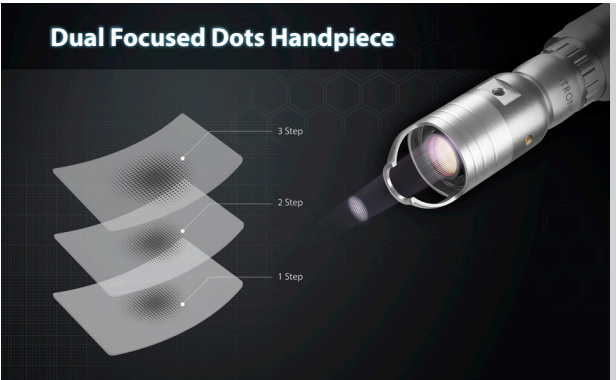
- 1064 nm: To remove traumatic tattoo
- 532 nm: To remove solar lentigines
- 595 nm: To improve the early-stage erythematotelangiectatic rosacea
- 660 nm: To remove solar lentigines

# FUNCTIONALITY

### NEW: Dual Focused Dots Handpiece

Picoplus's Dual Focused Dots causes a strong photo-mechanical disruption as making LI OB(Laser Induced Optical Break-down) in dermis or around dermal-epidermal junction, while leaving the epidermis intact.

Scan size adjustable: 4mm – 10 mm (1 mm increments)  
Adjustable Micro-beam focus depth: 1, 2, 3 Step



### POWER IS IN THE PULSE

The longer the pulse, the higher the temperature and the risk of resulting thermal damage to the surrounding tissue. With the shorter pulse width (pico seconds) you can now use the maximum power settings without risking tissue damage. Fast and safe. Nano creates larger particles that are difficult for the body to remove. Pico creates microparticles that the body can break down more easily.

# RESULTS

