

## VARIETY OF HANDPIECES AVAILABLE



Pico Toning  
Collimated  
Handpiece  
(1064 & 532 nm)



Zoom  
Handpiece  
(1064 & 532 nm)



Gold Toning+  
Handpiece  
(595 nm)  
Refillable



RuVY Touch+  
Handpiece  
(660 nm)  
Refillable



Focused Dots  
Handpiece  
(1064 nm)



## BROAD RANGE OF APPLICATIONS FOR IMPROVED ROI

- Tattoo (multi-colored & black)
- Melasma
- PIH
- Nevus of Ota
- ABNOM
- Lentigo
- Freckles
- Seborrheic Keratosis
- Skin Rejuvenation (Cold Rejuvenation)
- Final Resurfacing
- Post-acne Erythema
- Inflammatory Acne
- Facial Flushing
- Rosacea

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# LUTRONIC

NEW

## PICOPLUS

Power and Versatility for  
Advanced Treatments and  
Mastery Over Difficult Cases

Maximum Energy is now **33%** higher (800 mJ)

Maximum Peak Power is now **82%** higher (1.45 GW)

Energy Boosted Up!

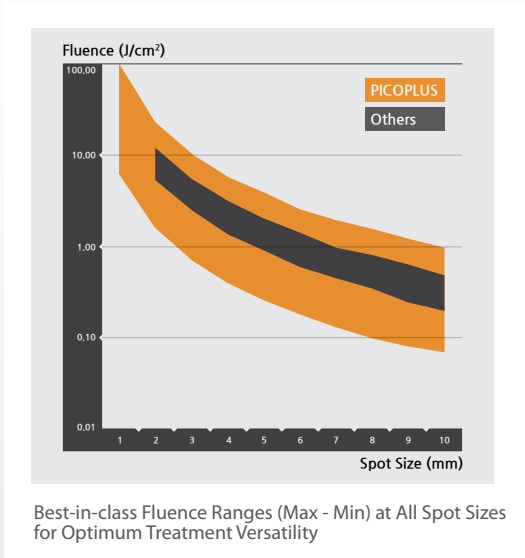
# LUTRONIC

# You and Your Patients Deserve the Best

The number one maker of Nd:YAG technology is delivering the next evolution of premium platforms to your clinic. The LUTRONIC PICOPLUS offers you the best of both worlds, the safety and efficacy you expect from a nanosecond device, with improved performance and outcomes from a picosecond platform.

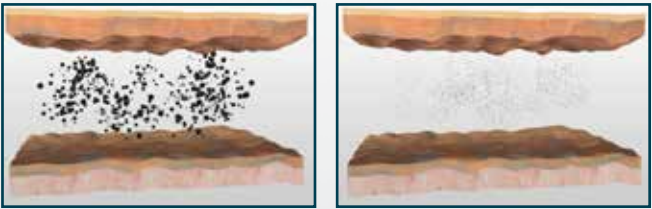
### PREMIUM POWER DELIVERS THE OUTCOMES YOU NEED

The PICOPLUS platform offers both pico- and nanosecond with the performance of four wavelengths (1064, 532, 595 and 660 nm) to provide you with more options than ever before to address everything from standard treatments, to those hard to treat cases which are stagnating. You can count on having the right power, pulse-width, wavelength and fluence you need for the outstanding outcomes your patients want, all from one premium platform.



### THE POWER BEHIND THE PULSE

Until recently nanosecond was the leading way to target and break up pigment, however, there were inherent limitations that went along with the longer pulse duration; The longer the pulse the greater the risk was from the higher thermal temperature and therefore the risk of damaging surrounding tissue. Now with the shortened pulse width you can utilize higher power settings without the risk of thermal damage and as a result, achieve greater clearance faster and more safely.



Nano creates larger particles which are harder for the body to clear  
Pico creates micro-particles which are easier for the body to clear

### WHY PICOPLUS

- Four wavelengths for best versatility
- Dual pulse duration pico- and nanosecond
- New P-PTP mode
- High energy output while still providing stable low energy output
- Three treatment modes to provide optimized treatment options
- Wide-range of precisely controllable fluence options
- 5 handpieces (including Focused Dots)
- Convenience features, such as built-in storage



### PROVIDE THE RESULTS YOUR PATIENTS DEMAND

#### BREAK THE BARRIERS TO IMPROVE OUTCOMES

PICOPLUS provides the treatment versatility, precise fluence and pulse control needed to achieve maximum clearance for pigment and other conditions.



Before - Recalcitrant tattoo case after multiple treatments  
After 1 Picoplus picosecond treatment  
After 2 Picoplus picosecond treatments  
After 3 Picoplus picosecond treatments - Clearance easily achieved in less treatments

Photos Courtesy of G.S. Lee, MD, S. Korea



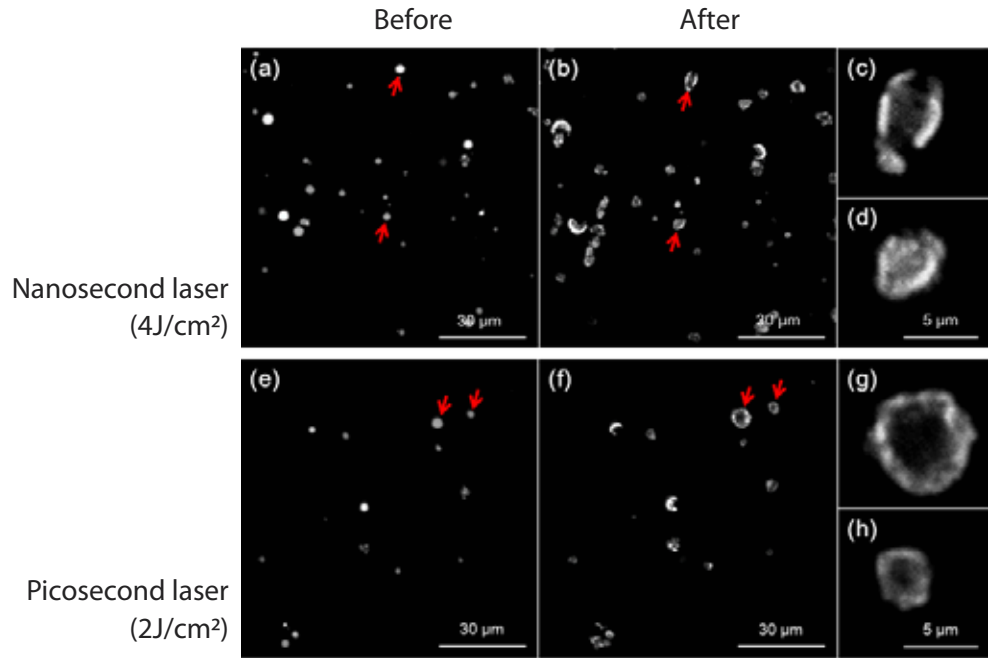
Before - Acne Scarring  
After 1 Picoplus Focused Toning treatment  
Before - Freckles  
After 1 Picoplus, 532 nm picosecond treatment

Photos Courtesy of Lutronic

Photos Courtesy of G.S. Lee, MD, S. Korea

#### BREAKING THROUGH CLINICAL BARRIERS

The picosecond pulse does more than just protect the surrounding tissue from thermal damage, it provides greater targeting and power to break up pigment into easier forms for the body to process. This improved targeting is what allows for faster and better clearance than what may be achieved from a nanosecond laser alone.



In-vivo 3-dimensional high resolution images captured by two-photon microscopy enable the comparison of tattoo pigments which have been shattered after nano- (ns) or picosecond (ps) laser devices. (a) (e) tattoo pigments before laser treatments. (b) tattoo pigments after laser treatment with the ns pulsewidth at 4 J/cm<sup>2</sup>. (c)(d), magnified views of the particles shown by the red arrows in (b). (f) tattoo pigments after treatment with the ps-laser at 2 J/cm<sup>2</sup>. (g)(h) magnified view of the particles arrowed in (f). The tattoo pigments treated with the ps-domain pulsewidth demonstrate much more efficient photofragmentation and more complete dispersal via the strong photoacoustic effect compared with those treated with the ns-domain pulse, despite the fact that the ps-domain energy at 2 J/cm<sup>2</sup> was half that of the ns-domain treated particles at 4 J/cm<sup>2</sup>.

Courtesy of K.H. Kim, PhD. South Korea, PoHang Univ. of Science and Technology