

Remove unwanted pigment  
and enjoy smoother skin!

- Benign Pigmentation Treatment
- Various Color Tattoo Removal
- Scar Treatment
- Skin Rejuvenation

PICOCARE 450



## Before & After

### Melasma



| Before |

| After |

After 2 Tx Time  
L532 nm, 4 mm, 0.3 J/cm<sup>2</sup>, 2 Hz

### ABNOM



| Before |

| After |

After 2 Tx Time  
1064 nm, 10 mm, 0.8 J/cm<sup>2</sup>, 10 Hz

### Body Tattoo



| Before |

| After |

After 2 Tx Time  
1064 nm, 3 mm, 2.5 J/cm<sup>2</sup>, 2 Hz

### Large Pores



| Before |

| After |

After 1 Tx Time  
1064 nm HEXA, 10 mm, 0.3 J/cm<sup>2</sup>,  
10 Hz

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## PICOCARE 450 Picosecond Laser

Irradiation type	Nd:YAG
Wavelength	1064 nm & 532 nm + 595, 660 nm
Max. energy	600 mj (1064 nm), 200 mj (532 nm)
Pulse duration	450ps
Peak power	~ 1.33 GW (1064 nm), ~ 0.44 GW (532 nm)
Spot size	2 ~ 10 mm
Repetition rate	Single, 1 ~ 10 Hz
Delivery	Articulated Arm
Optional handpiece	Dye H/P : 595, 660 nm
Dimension	450 x 939 x 908 (W x D x H) mm
Weight	90 kg / 4kVA

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For Export Only

## PICOCARE 450

Picosecond Nd:YAG laser  
1064nm, 532nm,  
595nm & 660nm

Beyond Nano,  
Experience Real PICO

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## PICOCARE 450

Beyond Nano,  
Experience Real PICO

## "Picosecond Nd:YAG Laser"

"Awarded for  
Good Design"

### What is PICOCARE 450?

#### Innovative Technology for Optimal Pigmentation Treatment

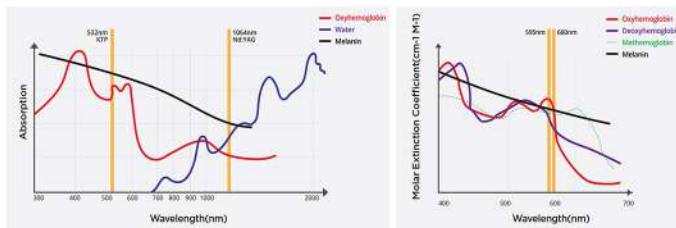
PICOCARE 450 delivers better photomechanical effect on the targeting pigmentation or unwanted tattoo particles with less thermal effects on the surrounding skin tissues. This is because of higher peak power of ultra-short pulses and picoseconds that are 1000 times shorter (one trillionth of a second) than conventional Q-switched lasers.

#### Scar Treatment Available by PICOCARE 450

PICOCARE 450 with HEXA MLA can effectively treat atrophic scars and hypertrophic scars with less discomfort and low rate of side effects, replacing aggressive scar treatments such as CO<sub>2</sub> laser and subcision.

### Multiple Wavelengths

PICOCARE 450 uses 1064 nm, 532 nm, 595 nm & 660 nm wavelengths to remove multiple benign pigmentations of the epidermis and dermis, and unwanted various color tattoo.



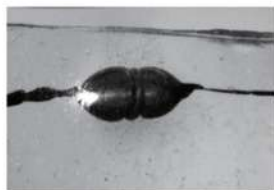
### Picocare 450 Handpiece



#### NANO VS PICO



[Conventional Nanosecond Laser]



[ PICOCARE 450]



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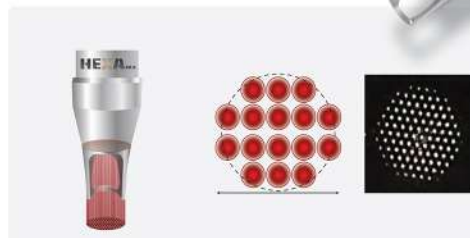
### HEXA MLA

PICOCARE 450 can also treat scars and skin rejuvenation by using HEXA MLA. The mechanism is that LIOB (Laser Induced Optical Breakdown) is created on the target area, stimulating collagen and elastic fibers with stratum corneum preserved.

Only 1 session of scar treatment can show dramatic results in volumized atrophic scars with fast healing process and relatively short down time.



HEXA<sub>MLA</sub>



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### Smart and Convenient Laser System

- The compact size compared to other picosecond lasers
- Real-time auto calibration
- Fast initiation time within 2 minutes
- Intuitive user interface

### Indications

Atrophic Scars & Hypertrophic Scars	Skin Rejuvenation	Epidermal Benign Pigmented Lesions	Dermal Benign Pigmented Lesions	Various Color Tattoo
<ul style="list-style-type: none"> <li>- Acne Scars</li> <li>- Chicken Pox</li> <li>- Nail Scratches</li> <li>- Stretch Marks</li> </ul>	<ul style="list-style-type: none"> <li>- Uneven Skin Tone</li> <li>- Dull Skin Texture</li> <li>- Large Pores</li> <li>- Fine Wrinkles</li> </ul>	<ul style="list-style-type: none"> <li>- Freckles</li> <li>- Café-au-lait</li> <li>- Lentigines</li> <li>- Age spot</li> </ul>	<ul style="list-style-type: none"> <li>- ABNOM</li> <li>- Ota nevus</li> <li>- Ito Ota Blue</li> <li>- Melasma</li> </ul>	<ul style="list-style-type: none"> <li>- Black</li> <li>- Blue</li> <li>- Green</li> <li>- Yellow</li> <li>- Red</li> </ul>