

# PICOCARE 450

## A NEW GENERATION OF PICOSECOND LASER

COMBINING TWO POWERFUL TECHNOLOGICAL ADVANCES, PICOCARE 450 DELIVERS IMPRESSIVE RESULTS ACROSS A RANGE OF COMMON SKIN CONCERNS WITH A SINGLE INNOVATIVE PLATFORM.

“PICOCARE 450 IS THE FASTEST, MOST POWERFUL SECOND GENERATION LASER ON THE MARKET TODAY.”



**P**ICOCARE 450 is a second generation Picosecond Nd:YAG laser indicated for use on epidermal and dermal pigment, tattoo removal, skin rejuvenation and scarring. Now available throughout Australia through Cryomed Aesthetics, this innovative platform combines ultra-short picosecond laser and HEXA Laser Induced Optical Breakdown (LIOB) to deliver best-in-class results across a range of common indications with less discomfort and downtime than competing technologies.

PICOCARE 450 is in a class of its own in terms of speed (450 picosecond pulse duration) and power (peak power of 1.33GW). This unique platform shatters pigment into infinitely small particles that can be more readily eliminated by the body, making treatments more efficient, comfortable and effective. The new 450 picosecond pulse is a significant upgrade compared to previous models. By increasing the power and shortening the pulses, treatments produce better results with less downtime and higher safety.

While most systems offer one or two wavelengths in picosecond mode, PICOCARE 450 has four (1064nm, 532nm, 595nm and 660nm). This allows PICOCARE 450 to support the removal of all coloured tattoos, including difficult to treat green and blue pigments. Ultra-precise irradiation means minimal risk of damage to the surrounding tissue and faster patient recovery times.

Created by Wontech in Korea, PICOCARE 450 is the fastest, most powerful second generation laser on the market today.

### Enhanced precision

PICOCARE 450 can come with a total of six handpieces, including a zoom handpiece with spot sizes from 2mm to 10mm, a collimated 7mm handpiece for pico-toning procedures, and two fractional handpieces to address pigment and textural conditions. There is also the option to add two additional filter handpieces.

Skin rejuvenation remains popular among patients seeking laser treatments. Treatments using picosecond lasers with fractional handpieces have become especially attractive due to the higher

efficiency with decreased risk of photothermal damage, compared with conventional fractional lasers. PICOCARE 450 uses the latest HEXA Microlens Array (MLA) technology handpiece to optimise precision and power.

Compared to conventional fractional ablative techniques, the use of PICOCARE 450 with a HEXA MLA handpiece has been found to induce LIOB, thereby offering the advantages of lower risk of side effects and higher efficacy. Moreover, by limiting damage to the stratum corneum and basal membrane, treatment is fast and effective.

The HEXA MLA handpiece allows PICOCARE 450 to have maximum impact on the target area while causing minimal disturbance to the surrounding tissues. Because LIOB shatters only the target pigment, risk of Post-Inflammatory Hyperpigmentation (PIH) after treatment with PICOCARE 450 is also reduced.

The HEXA MLA handpiece can focus up to 15 times more energy into each dot, thanks to its exceptional quality and refractive properties. PICOCARE 450 with the HEXA MLA handpiece can replace aggressive scar treatments such as subcision, as scar tissues in the deep dermis can be destroyed without causing severe pain for the patient.

### PICOCARE 450 in practice

As a dynamic platform designed to treat some of the most common skin concerns, PICOCARE 450 makes an attractive addition to new and existing aesthetic medical practices, particularly those interested in utilising the latest technology.

With a peak power of 1.33GW, PICOCARE 450 allows practitioners to treat more patients more effectively and efficiently. By shortening treatment times and delivering more power in fewer shots, this device also enhances the patient experience.

PICOCARE 450’s ultra-short pulse and high peak power photo mechanical effect cause particles to react more predictably, therefore therapeutic reliability is increased. Its easy-to-use touchscreen interface comes with preset protocols for greater efficiency.

With no consumables and low ownership costs, PICOCARE 450 can deliver an impressive ROI.

With the support of Cryomed Aesthetics, you can easily integrate this fast, effective and innovative platform into your practice, while improving your clinic’s performance outcomes. **AMP**

For enquiries, call 1300 346 448 or visit [www.cryomed.com.au](http://www.cryomed.com.au)

## WHY PICOCARE 450?

Second generation picosecond laser

Peak power of 1.33GW for greater efficacy

450 picosecond pulse duration shatters targeted pigment into infinitely small particles that can be more readily removed by the body

Multi-wavelength treatment (1064nm, 532nm, 595nm and 660nm) supports the removal of colour tattoos, including green and blue pigments

Ultra-precise irradiation for minimal risk of damage to surrounding tissue and faster patient recovery time

Higher peak power combined with shorter pulse duration provides better efficacy in treatment of pigments, tattoos, epidermal lesions and dermal lesions.

### INDICATIONS

Epidermal pigment	Dermal pigment	Tattoos	Skin rejuvenation	Scars
Becker's nevus	ABNOM	Multi colours	Wrinkles	Acne scars
Café-Au-Lait	Ito nevus		Dull skin	Chicken pox scars
Freckles	Ota nevus		Dry & rough texture	Ice pick
Lentigines	Lentigines		Dyschromia	Boxcar
Melasma	Post-Inflammatory Hyperpigmentation			Rolling