

PICOCARE 450

USING ADVANCED TECHNOLOGY TO OFFER ADAPTABILITY WHEN IT'S NEEDED MOST, THE PICOCARE 450 MAKES AN ATTRACTIVE ADDITION TO NEW AND EXISTING AESTHETIC MEDICAL PRACTICES.

When it comes to investing in new technology, versatility, efficacy and reliability are at the forefront of every practitioner's mind. Cryomed's second generation medical laser provides all three and more.

The PICOCARE 450 uses a combination of ultra-short picosecond laser and HEXA Laser Induced Optical Breakdown to remove tattoos, treat scarring and rejuvenate the skin. Laser Induced Optical Breakdown delivers laser-induced damage to the target tissue without damaging the epidermis. This technology helps practitioners to attain advanced results in fewer treatments with less discomfort and a reduced risk of side effects for the patient.

In addition to the aforementioned indications, the device can be used to address specific epidermal and dermal pigmentation issues like Becker's nevus, Café-Au-Lait, melasma, Ito nevus, Ota nevus and post-inflammatory hyperpigmentation (PIH). Key to the versatility of the

PICOCARE 450 is its dual wavelength capabilities. The 532nm setting is a visible spectrum that is primarily absorbed in the epidermal layer, while the 1064nm option is an infra-red/non-visible spectrum that enables greater penetration into the dermal layer to treat lesions. In total, the device has four pico wavelengths: 1064nm, 532nm, 595nm and 660nm.

The PICOCARE 450 is in a class of its own in terms of speed (450 picosecond pulse duration) and power (peak power of 1.33GW). While most lasers and IPL devices have pulse durations measured in the microsecond (millionth of a second) and nanosecond (billionth of a second), the picosecond pulse is measured in trillionths of a second.

PICOCARE in action

Dr Garry Cussell from Rejuvenation Clinics of Australia recently purchased two PICOCARE 450 medical lasers from Cryomed Aesthetics.

‘I HAVE FOUND CRYOMED TO BE VERY OBLIGING. THEY PROVIDE AN EXCELLENT SERVICE TO US IN BOTH SYDNEY'S CBD AND CHATSWOOD.’

‘I was attracted to the PICOCARE 450 for a number of key reasons,’ says Dr Cussell. ‘It offers third generation technology with a 450 picosecond shorter pulse duration, and slightly more photo-acoustic effect and less photo-thermal effect. Its handpieces facilitate greater precision with less scatter. It is also more affordable than machines from the USA.’

Dr Cussell uses the PICOCARE 450 alone and in conjunction with other synergistic laser wavelengths and pulse widths to treat pigmentary and vascular conditions, acne and acne scarring, and any form of superficial or deep scarring.

‘The device is very versatile and we use it for many presentations of skin concerns, usually in synergy with our other ranges of specialty lasers,’ he says. ‘For example, it works well with the very versatile Fotona Erbium YAG and ND YAG laser with its multiple modalities of skin repair and skin strengthening; the nano-second lasers with its combined photo-thermal and photo-acoustic synergistic effects; the micro-second lasers with its advanced vascular and skin texture capabilities; the millisecond lasers for their enhanced thermal effects on other variations of skin presentations; the extra-long pulsed Nd:YAG pulse duration lasers for skin contraction, lifting and strengthening; the CO2

fractional lasers and superficial Erbium lasers for many skin texture and complexion concerns; and the thulium fractional lasers for sun damage accompanied by pigmentation.’

Dr Cussell also notes PICOCARE 450's compatibility with deep and superficial RF needling and PRP and growth factor injection machines.

‘Generally, better results are seen more quickly and with less treatments with the PICOCARE device,’ says Dr Cussell. ‘We've achieved impressive results in surgical and traumatic scars as well as acne scarring. When it comes to treating pigmentation, the benefits are seen more quickly with PICOCARE 450 than with other technologies.’

‘Pico lasers are a good addition to our skin rejuvenation and repair capabilities, especially when used in conjunction with other laser combination treatments,’ continues Dr Cussell. ‘PICOCARE 450 adds to our combined versatility; using our many other lasers as combinations of lasers always aids in synergistic improvement and safety.’

‘I have found Cryomed to be very obliging,’ he says. ‘They provide an excellent service to us in both Sydney's CBD and Chatswood.’

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For enquiries, call 1300 346 448 or visit www.cryomed.com.au

PICOCARE 450 AT A GLANCE

KEY FEATURES

Frequency Doubled:
1064nm/523nm

Filtered Handpiece:
595nm/660nm

6 Handpieces:

- 2-10mm Zoom Handpiece
- 7mm Collimated Handpiece
- 2x 3-5mm & 6-10mm HEXA (Holographic MLA) Handpieces
- 2x Filter Handpieces (Optional)

TECHNICAL SPECIFICATIONS

Irradiation Type: Nd:YAG

Pico Wavelength:
1064nm & 532nm +595, 660nm

Maximum Energy:
500mJ (1064nm), 300mJ(532nm)

Peak Power:
1.3GW(1064nm), 0.6GW(532nm)

Dimensions:
450(W) x 940(D) x 870(H)mm

Weight: 90kg

APPLICATIONS

Epidermal Pigment:

Becker's nevus, Café-Au-Lait, freckles, lentigines, melasma

Dermal Pigment:

ABNOM, Ito nevus, Ota nevus, lentigines, PIH

Tattoos: Multiple colours

Scars: Acne scars, Chicken Pox scars, Ice Pick, Boxcar, dry and rough texture

Skin Rejuvenation: Wrinkles, dull skin, dyschromia, rolling