Lynton

The PICO SERIES

The Next Generation in Picosecond Technology

1064nm, 532nm, 694nm

The PICO SERIES

The **PICO SERIES** transcends all conventional, stand-alone picosecond lasers by combining the efficacy and speed of picosecond pulses with the proven safety profile of nanosecond Q-switched pulses across three Primary laser wavelengths - 1064, 532nm and 694nm. This unique feature allows the fast and effective treatment of all tattoo colours.

As seen in:

THE TIMES

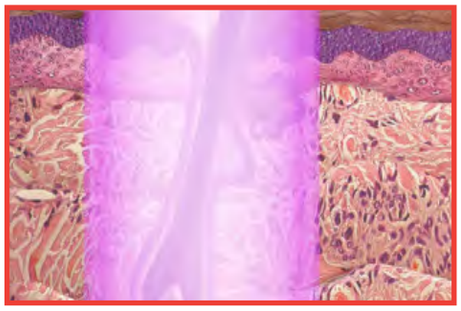
Consisting of the world's first picosecond platform with a Ruby (694nm) laser alongside an industry high peak power (1.8GW) and the shortest pulse duration available (375ps), the **PICO SERIES** delivers the specification needed to achieve the optimum photomechanical effect - helping to reduce the number of treatments required for tattoo clearance.

- The first tri-wavelength picosecond laser with Ruby 694nm for removal of notoriously hard to treat greens and red pigments
- Uses three primary lasers rather than alternative dye converter options
- Industry's highest peak power (1.8 GW) to allow larger spot sizes and deeper penetration of tissue
- Proprietary Pico, Q-Switched and Thermal Pulses all in one device
- **FraxTip** Lens technology for dramatic rejuvenation with minimal downtime

Both models have an optional upgrade to the award-winning ResurFACE® fractional handpiece, available for ablative treatments with minimal downtime.

22 years
expertise in
laser technology

The Most Powerful & Versatile PICO Platforms



The first picosecond platform with a 694nm Ruby laser

Comparison: Pigment fragmentation with conventional Q-Switched laser (left) & Picosecond laser (right)

FraxTip lens technology for dramatic rejuvenation results

The **PICO SERIES** platform provides the industry's highest peak power at 1.8GW along with the shortest pulse duration available across all picosecond platforms (375ps). This ultra-high specification is needed to achieve the optimum photomechanical effect - a requirement to increase the speed at which the laser shatters tattoo pigments particles, helping to reduce the number of treatments needed for tattoo clearance.

As next generation picosecond lasers, the **PICO SERIES** has the unique ability to use the proven safety profile of traditional nanosecond pulses in combination with the increased photoacoustic effect of picosecond laser technology, resulting in less thermal damage to surrounding tissue - helping deliver a more safe and effective removal of tattoos on all skin types.

Both models provide the new **FraxTip** lens attachment for skin rejuvenation with results comparable to those usually only achieved with more ablative technologies. **FraxTip** lens highly concentrates energy generated by the laser leading to a photomechanical induced trauma on the epidermis, resulting in increased collagen and elastin production while preventing any significant thermal damage to surrounding tissue.

Another exclusive features of **PICO SERIES** technology is that it can allso be used for treatment of superficial and deep pigmented lesions by using Q-Switched and Photo-Thermal (free-running) pulse emission modes.

Models available in the **PICO SERIES** outlined below:

Two Unique Models

The DISCOVERY PICO PLUS

No other picosecond laser device offers removal of more colours than the new **DISCOVERY PICO PLUS**. This unique platform moves beyond the first generation of stand-alone picosecond lasers, through combining the efficacy and speed of picosecond pulses with the proven safety profile of nanosecond Q-switched pulses at 1064, 532nm and 694nm. As the world's first picosecond laser platform to introduce a Ruby laser (694nm), the **DISCOVERY PICO PLUS** secures its place as the most comprehensive tattoo removal laser in the marketplace.

The DISCOVERY PICO

The other addition to the range is the **DISCOVERY PICO** platform, which delivers 1064 and 532nm with the shortest pulse available in the marketplace (375ps), an industry-high peak power of 1.8GW, along with an optional upgrade to the award-winning ResurFACE® fractional attachment.

Add ResurFACE®...

Voted 'The Most Innovative Treatment', ResurFAC® Pro fractional laser (2940nm) is the ultimate upgrade available on the laser market.

Effectively treating the top skincare concerns in the UK, ResurFACE® laser (ablative) is predominantly used for stretch marks, scarring and facial rejuvenation for fine lines and wrinkles. ResurFACE® gives the skin a smooth, youthful and glowing appearance, and is proven to produce dramatic results with low downtime. ResurFACE® fractional laser helps practitioners tackle the ever-growing demand for treatment results that are usually only gained with fully ablative skin resurfacing (e.g. acne scarring), by providing a technology that has none of the associated downtime or inconvenience.

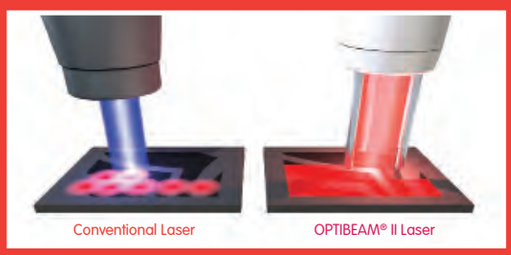
- Lines and wrinkles
- Acne scarring
- Age spots
- Congestion
- Pigmentation
- Skin laxity
- Sun damage
- Milia
- Scarring
- Stretch Marks
- Uneven texture
- Freckles

OPTIBEAM® II

A unique characteristic of the **PICO SERIES** is its utilisation of OPTIBEAM® II technology handpieces. The square spot profile allows safer and more effective treatments due to the homogeneous energy distribution over the treated area.

The OPTIBEAM® II handpiece ensures a perfect FLAT TOP beam profile thanks to its advanced optical technology, able to distribute the power of the laser homogeneously across the output beam profile. This results in less skin trauma and decreases the incidence of side effects.

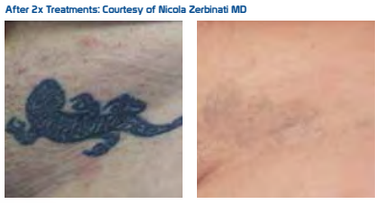
Easier and more precise coverage of the entire treatment area is possible, which, because it avoids unwanted overlapping, can result in up to 20% reduction in treatment downtime in tattoo removal compared to traditional spot shapes.



Results

Tattoo Removal

After 2x Treatments: Courtesy of Nicola Zerbinati MD



Before After

Tattoo Removal

After 2x Treatments: Courtesy of Dr Firas Al-Niaimi, SK:N

Before After

Tattoo Removal

After 2x Treatments: Courtesy of Nicola Zerbinati MD

Before After

Pigmentation

After 1x Treatment: Courtesy of Dr Paolo Sbano MD

Before After

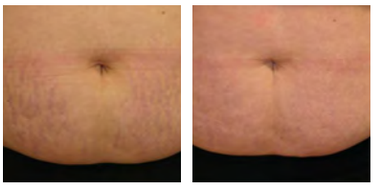
ResurFACE® Pro Anti-Ageing

Courtesy of The Lynton Clinic

Before After

ResurFACE® Pro Stretch Mark

Courtesy of The Lynton Clinic



Before After

To learn more, or to arrange a demonstration, call Lynton on 01477 536 977 or visit lynton.co.uk

Work with the best, call Lynton today on 01477 536 977 or visit lynton.co.uk

System Specifications DISCOVERY PICO PLUS

Laser Type	PICO	Q-Switch
Wavelength	532, 1064nm	532 &1064nm & 694nm
Pulse Width (ps & ns)	370ps | 450ps | 30ns	6ns | 6ns | 30ns
Repetition Rate (Hz)	single, 1, 2, 5, 10	Ruby: 1, 1.5, 2, 2.5, 3 Hz
Spot Size (mm)	2, 4, 6 mm round; 2x2, 3x3, 4x4, 5x5 mm2 square; 8mm fractional round **(FraxTip)**	
Fluence Range (J/cm2)	12 | 25	12 | 25
Dimensions & Weight	530 (W) x 143(D) x 1060 (H) mm3 - 150kg	

System Specifications DISCOVERY PICO

Laser Type	PICO	Q-Switch
Wavelength	532 & 1064nm	532 & 1064nm
Pulse Width (ps & ns)	370ps | 450ps	6ns | 6ns
Repetition Rate (Hz)	single, 1, 2, 5, 10	
Spot Size (mm)	2, 4, 6 mm round; 2x2, 3x3, 4x4, 5x5 mm2 square; 8mm fractional round **(FraxTip)**	
Fluence Range (J/cm2)	12 | 25	12 | 25
Dimensions & Weight	530 (W) x 143(D) x 1060 (H) mm3 - 150kg	

System Specifications Fractional Handpiece - ResurFACE®

Wavelength	2940 nm
Repetition rate	Up to 1.5 Hz with Pulse Stacking
Treatment zone	10 mm diameter
Fractional output	40 microspots per cm2
Energy per microspot	Up to 20 mJ

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WINNER 2016 Aesthetics Awards EQUIPMENT SUPPLIER OF THE YEAR

Quanta System Q1 DNA DNA Laser Technology