Fotona
choose perfection



The Next-Generation Pico System for Ultimate Speed and Performance

StarWalker® PICO Pro

Committed to Engineering
The Highest Performance, Best Made Laser Systems in the World

Get ready to shine



StarWalker® PICO Pro

Extra PICO Power for Maximum Efficiency

For unmatched efficiency and peak performance, the StarWalker® PICO Pro represents the pinnacle of picosecond laser technology.

Specially designed for skin toning, photo-rejuvenation and the treatment of pigmented lesions, scars and tattoos, the StarWalker® PICO Pro delivers **enhanced power** and **exceptional results** enabled by Fotona's patented FracTAT® and ASP technologies.

With a diverse range of laser wavelengths, wide array of spot sizes, and an exceptionally broad fluence spectrum for flat-top handpieces, the StarWalker® PICO Pro is the **perfect tool for treating larger areas quickly**, **enabling a wide variety of customized treatments** precisely tailored to individual skin types.

Enter a new era of efficiency and maximize the value of your investment.

- Skin toning
- Pigmented lesions
- FracRevive® photorejuvenation
- Black and multicolor tattoos
- Scars and resurfacing

Highest energy
Shortest pico pulse
Extra large spot size
at high frequency



Ideal for Skin Toning of Large Areas

Skin toning, lightening, and **rejuvenation** are highly sought-after procedures all over the world. The StarWalker® PICO Pro stands out as a **premier system for these treatments**, utilizing cutting-edge Nd:YAG technology to deliver ultra-short pulses that target skin pigments, including age spots, freckles, and melasma, with the highest precision.

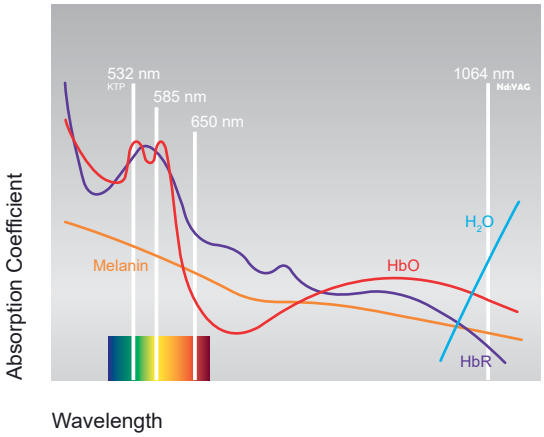
With the ability to generate **spot sizes of up to 10 mm** at high frequencies, the StarWalker® PICO Pro excels at delivering a broad range of laser fluences, making it ideal for gentle yet **efficient treatment of large surface areas.**

Additionally, a non-ablative skin toning procedure stimulates collagen production for long-lasting improvement of skin tone and texture.

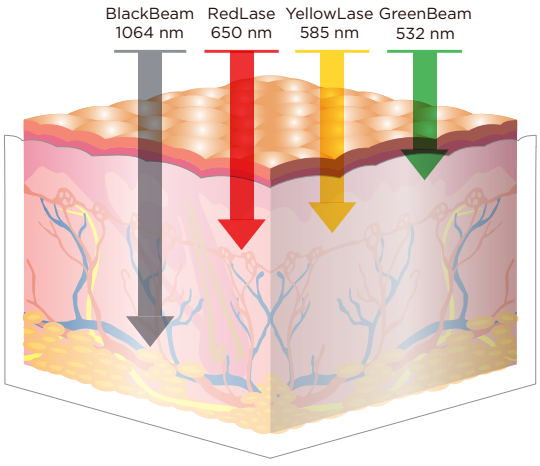
Nd:YAG and **KTP**
spot sizes of
up to **10 mm**

Multiple Wavelengths to Suit All Skin Types

StarWalker® PICO Pro delivers four laser wavelengths to cover the complete absorption spectrum of melanin, oxyhemoglobin and water. It allows the practitioner to **perfectly adapt each treatment** to the patient's unique skin needs.



StarWalker's wavelengths are located at appropriate skin absorption peaks and minimums.



Optimal wavelengths for treating structures at different skin depths.


StarWalker PICO Pro
ASP POWERED
Revolutionary
Adaptive Structured Pulse
Technology
Fotona
Black Beam
1064
PICO
BBeam
J/cm²
1.2
Hz
10.0
mm
8.0

FracTAT® Technology for a Diverse

FracRevive® Photorejuvenation

- Fast & comfortable
- Minimally invasive
- Minimal downtime

FracRevive® photorejuvenation is an easy-to-perform **2-step treatment** that combines both **full-spot brushing** and **fractional FracTAT® stamping** technologies. It effectively reduces pore size, diminishes the appearance of pigmentation spots and wrinkles, and enhances overall skin texture while unifying skin tone.



Courtesy of NuSkinnovation



Courtesy of NuSkinnovation



Courtesy of Prof. Leonardo Marini, M.D. and Susanna Marini, M.D.

FracTAT® for Rejuvenation, Pigments and Scars

The FracTAT® procedure **in ablative mode** enables **deep resurfacing with minimal downtime**, making it an ideal solution for acne scar revision, skin rejuvenation, and skin texture improvement.

Additionally, FracTAT® can be performed in **a gentler non-ablative mode**, generating fractional microscopic lesions within tissues as a result of micro cavitations and plasma formation. These are rapidly healed by the intact surrounding tissue, leaving the skin refreshed with fewer imperfections.



Courtesy of Jia Xi Chong, M.D.



Courtesy of Wai Seng Chong, M.D.

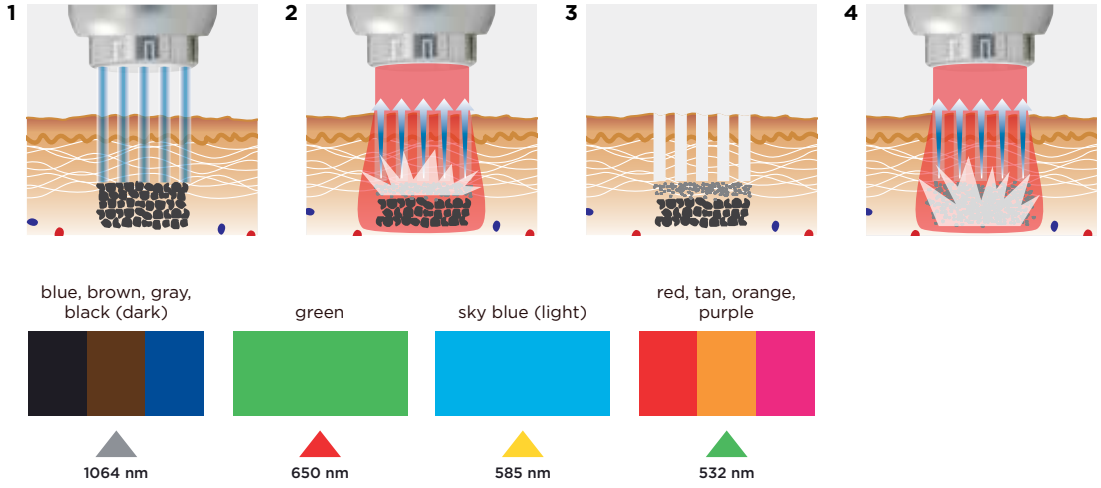
All fractional handpieces can also be used with **Laser Induced Optical Breakdown (LIOB) spacers**, which enable even gentler treatments by moving the formation of micro-damage islands below skin surface.

Spectrum of Solutions

Patented FracTAT® Tattoo Removal

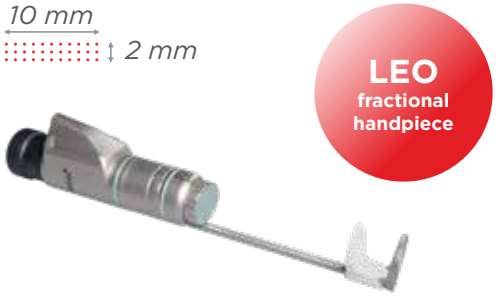
- Enhanced generation of photoacoustic shockwaves
- Fractional technology for improved healing and sustained skin quality
- Shorter treatment time
- Fewer treatments needed

In the **Fotona FracTAT® tattoo removal procedure**, micro-holes are drilled with a fractional laser handpiece **(1)**, followed by treatment with a full-beam handpiece **(2)**. Micro-holes reduce the frosting effect and pressure on the surrounding tissue and act as pressure relief ducts **(3)**, allowing gases formed in the tattoo removal process to escape. This enables deeper pigments to be reached **(4)**, leading to more efficient pigment destruction.



Introducing the Leo Fractional Handpiece

With a **unique rectangular pattern** that maximizes the efficiency of FracTAT® tattoo removal when treating line-shaped tattoos and permanent makeup.





"The Leo fractional handpiece is a must-have when dealing with complex, resistent and fading tattoos."

Prof. Leonardo Marini

Designed with the Practitioner in Mind

The advanced technology in StarWalker® PICO Pro features a broad range of **smart solutions** to ensure the best treatment experience possible. It is designed to help every practitioner **work faster and more effectively**, whether they're first-time or advanced users.

- Automatic handpiece and spot-size detection for enhanced safety
- Patented OPTOflex® arm for lightweight operation
- Color-coded, medical-grade titanium handpieces
- Small footprint & no consumables











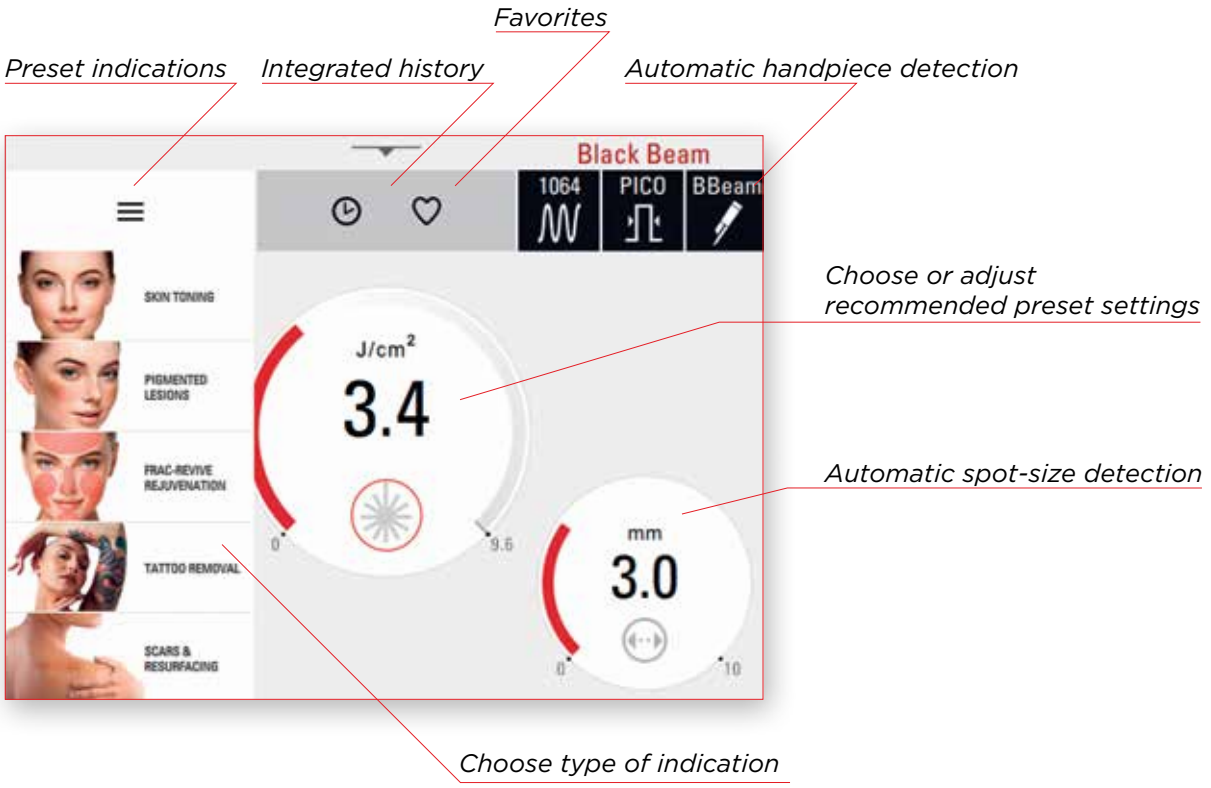


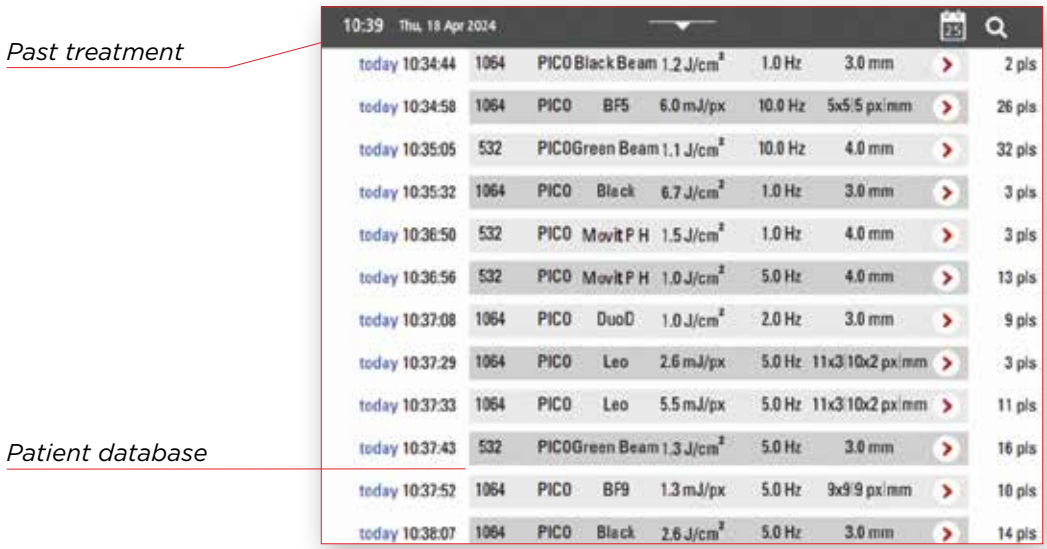
StarWalker® PICO Pro Specifications

Wavelengths	1064 nm; 650 nm
	585 nm; 532 nm
Max. energy	800 mJ
Min. pulse duration	300 psec
Max. peak power	2.7 GW
Pulse repetition frequency	1 to 10 Hz
Max. spot size	Ø 10 mm

Easy to Use from Day One

- Highly intuitive interface with customizable memory presets
- User-friendly application wizards for recommended parameters
- Easy access to integrated treatment history and patient database





Precision at Your Fingertips

Discover StarWalker's **complete line of advanced handpieces**, crafted for **ease of use** and **exceptional performance**. Fractional handpieces harness the power of the photomechanical effect, channeling energy into precise arrays while keeping the surrounding tissue intact. With this **cutting-edge technology**, physicians can confidently provide precise and effective treatments across a wide range of applications.

Handpiece	Wavelength	Spot size	Spot shape	Best for
BlackBeam & GreenBeam	1064 nm, 532 nm	3, 3L*, 4, 6, 8, 10 mm *Low fluence optics	circle	skin toning, tattoos, pigmented lesions
Black & Green	1064 nm, 532 nm	3, 4, 6, 8, 10 mm	square	tattoos, pigmented lesions
DuoDot & DuoHigh & DuoLow	1064 nm, 532 nm	1–3 mm	circle	pigmented lesions
Black F9	1064 nm	9x9 mm	fractional, 9x9 pixels	FracTAT® tattoo removal, FracRevive® photorejuvenation
Black F5	1064 nm	5x5 mm	fractional, 5x5 pixels	FracTAT® tattoo removal, scars
Leo	1064 nm	2x10 mm	fractional, 3x11 pixels	FracTAT® tattoo removal, scars
Green F5	532 nm	5x5 mm	fractional, 5x5 pixels	diffuse epidermal pigmentation
RedLase	650 nm	2, 3, 5 mm	circle	green tattoos
YellowLase	585 nm	2, 3, 5 mm	circle	sky blue tattoos



Full-beam and **fractional** medical-grade **titanium** handpieces



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Committed to Engineering

THE HIGHEST PERFORMANCE, BEST MADE LASER SYSTEMS IN THE WORLD

since 1964



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All Fotona medical lasers are CE marked and approved to be sold in the EU. For countries where specific national approvals or clearances are required, some of the products and/or applications may not yet have been approved. Please check with Fotona, your local Fotona distributor or your national regulatory body about whether a specific product or application has been approved to be marketed and sold in your country.

For related patents see: www.fotona.com/patents



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