

# StarWalker® PQX



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# Third-generation ASP-powered technology for ultra performance:

- · Highest pico power & energy
- · Shortest pico pulse width
- Wide range of laser wavelengths
- · Exceptional spot size capabilities
- Largest fluence spectrum for flat-top handpieces

 Patented FracTAT® treatments for scars, pigments and rejuvenation

- Smallest footprint
- No consumables



Highest power
Shortest pico pulse
Highest energy

# StarWalker® PQX Key Features:

- Enhanced safety with automatic handpiece and spot-size detection
- User-friendly application wizards for recommended parameters
- Integrated treatment history and patient database
- Patented light-weight OPTOflex® arm
- Color-coded, medical-grade titanium handpieces



### StarWalker® PQX specifications

Wavelength*	1064 nm; 532 nm	
Max. Energy	800 mJ	
Min. Pulse duration	300 psec	
Max. Peak Power	2.7 GW	
Pulse repetition frequency	0.5 to 10 Hz	

<sup>\*</sup> Additional wavelengths coming soon: 585 nm, 650 nm, 785 nm



## StarWalker® PQX Indications

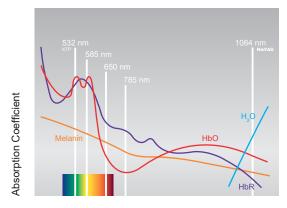
- Pigmentation disorders
- Rejuvenation
- Toning
- Scars
- Black and colored tattoos



Pico pulses instantly shatter the targeted pigments, enabling their natural elimination by the body.

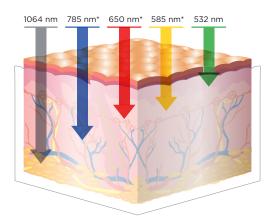
### **Optimal Laser Wavelengths**

StarWalker® PQX delivers a full range of laser wavelengths to cover the complete absorption spectrum of melanin, oxyhemoglobin and water.



#### Wavelength

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

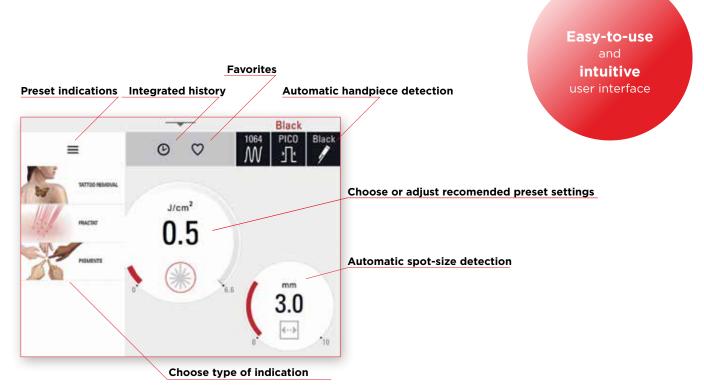


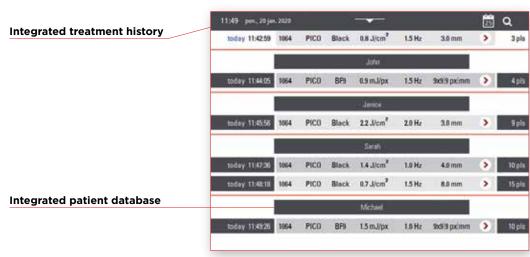
Wavelengths for treating structures at different skin depths.

\* Additional wavelengths coming soon: 585 nm, 650 nm, 785 nm

# Advanced Technology Made Simple

- · Advanced and intuitive user interface
- User-friendly application wizard with preset treatment parameters
- Integrated history of past treatments
- Integrated patient database
- Suitable for first time users and advanced practitioners



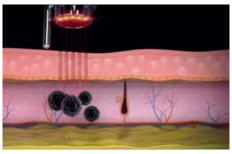


### FracTAT®

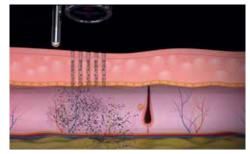
#### Patented ablative fractional treatments



- · Fewer treatments needed
- · Shorter treatment time
- Quicker healing
  - Enhanced generation of photoacoustic shockwaves
  - Reduced frosting and pressure on surrounding tissue
  - Direct pigment removal via ablation
  - · Better and quicker healing of fractionated skin

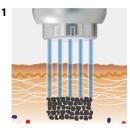


Treatment with a FracTAT® PQX pulse



Removal of a pigment via ablation

#### FracTAT® treatment



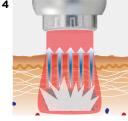
Micro holes are drilled with an ablative fractional laser



First treatment with a PQX pulse



Reduced frosting effect



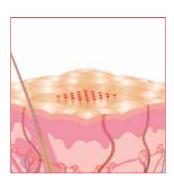
Subsequent PQX pulses are not blocked from reaching deeper lying pigments

**Enhanced** generation of photoacoustic shockwaves

When the patented Fotona FracTAT® procedure is performed, micro holes are first drilled into the skin using a fractional ablative laser handpiece. The fractional micro holes act as pressure relief ducts through which gasses can escape without building up excessive pressure.

### Non-ablative and ablative fractional treatments for:

- Rejuvenation
- Scars
- Pigments
- Tattoos
- Fractional microscopic lesions are formed within tissues as a result of micro cavitations and plasma formation.
- Micro wounds are rapidly healed by the intact surrounding tissue, leaving the skin refreshed, more elastic and with fewer visible wrinkles and scars.





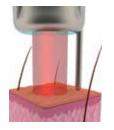
### **Excellence in Your Hands**

All the applications you need, with a complete line of advanced, easy-to-use handpieces

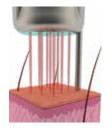
**Full-beam** and **fractional** medical-grade **Titanium** handpieces

handpiece	wavelength	spotsize	spot shape
Black & Green	Nd:YAG, KTP	3x3 to 10x10 mm	square
DuoDot & DuoHigh	Nd:YAG, KTP	1 - 3 mm	circle
Black F9	Nd:YAG	9x9 mm	fractional, 81 pixels
Black F5	Nd:YAG	5x5 mm	fractional, 25 pixels
Green F5	KTP	5x5 mm	fractional, 25 pixels

### Full-beam and fractional handpieces



Full-beam



Fractional beam

StarWalker's full-beam and fractional handpiece technology enables physicians to provide advanced solutions for a broad range of treatments. Fractional handpieces harness a powerful photomechanical effect into tightly focused arrays with high concentrations of energy, while the surrounding tissue remains unaffected by the laser light.



### WORLD CLASS TRAINING







- Led by leading international laser experts
- Live demos and hands-on
- Explore all areas of medical lasers
- Great experiencesharing opportunity

To get the most out of your StarWalker® PQX system, our practitioner workshops, coorganized with the Laser and Health Academy, provide hands-on demonstrations of our lasers from international clinical experts. Fotona also works closely with other leading educational authorities in the field of medical lasers to offer additional high-level training opportunities to help you on your path to becoming a top laser specialist.



www.laserandhealth.com

#### THE LASER AND HEALTH ACADEMY

The Laser and Health Academy (LA&HA®) is a not-for-profit organization dedicated to the promotion of research, education and publishing in the field of laser medicine.

**RESEARCH:** LA&HA® collaborates with industry, medical professionals and universities on projects aimed at the development and improvement of laser applications.

#### **EDUCATION:** LA&HA

serves as a platform for continuous education, with a focus on practical instruction and the demonstration of laser techniques and procedures, delivered through a variety of workshops and seminars by experienced lecturers.

www.laserandhealth.com/en/journal/



#### since 1964

Founded in 1964, only four years after the invention of the very first laser, Fotona is one of the most experienced developers of high-technology laser systems. Fotona today is a world-leading medical laser company recognized for its innovative, award-winning laser systems for applications in aesthetics & dermatology, dentistry, surgery and gynecology. Based in the EU, US and China, Fotona's business philosophy is to continuously choose perfection to ensure the maximum performance and efficacy of its medical devices.

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