

# FOTONA

ISSUE 2023

Aesthetics  
& Dermatology  
Magazine

[www.fotona.com](http://www.fotona.com)

Fotona<sup>•</sup>  
choose perfection





With 60 years of experience in the laser industry, Fotona is a world-leading medical laser manufacturer recognized for its innovative, award-winning technologies. Based in the EU (Ljubljana, Slovenia), with regional subsidiaries in the US, China, Germany and France, Fotona's business philosophy is to continuously choose perfection to meet the needs of a highly demanding global marketplace.

Using a science-based approach and working closely with top universities and medical research centers, Fotona offers the most advanced multi-application aesthetic laser systems, including next-generation Er:YAG and Nd:YAG aesthetic lasers dedicated to facial and body treatments, Alexandrite and Nd:YAG systems for superior hair removal, as well as compact and powerful diode lasers and the highest single-pulse energy Q-switched laser on the aesthetic market. The company has also developed a new class of aesthetic treatments based on HITS™ magnetic technology, enabling muscles to strengthen, tone and firm without effort.

Fotona's global network provides comprehensive support and clinical training to more than 90 countries. In addition, Fotona is a founding partner of the Laser and Health Academy, which provides a complete educational platform for medical laser practitioners to continue their professional growth.

[www.fotona.com](http://www.fotona.com) | [info@fotona.com](mailto:info@fotona.com)

# SP Dynamis® Nx Line

NEW

## The Next Generation of Multi-Use Technology

Discover the next generation multi-application laser. This technologically superior device offers all the features from the acclaimed SP Dynamis® and much more, with one of the most comprehensive lists of fast, safe and precise treatment options available anywhere on the market. The Nx Line brings additional new cutting-edge innovations such as Fotona's patented eco-friendly **CoolMist™ skin cooling** for maximum safety and comfort, without the need for an additional cooling device. It's everything you need to run a successful modern practice in one state-of-the-art platform. Let your creativity soar!

1 LASER SYSTEM.  
100 TREATMENT OPTIONS.  
∞ CREATIVITY.



# CoolMist™ Cooling

CoolMist™ is **Fotona's patented skin-cooling technology**, based on dry-spray molecular cooling (DMC™) of the skin surface.

The CoolMist™ water spray is **integrated into the Sp Dynamis Nx Line handpieces and scanner** to improve comfort and enhance safety. It uses room temperature air and water so there is no risk of cryo-injury by over-cooling the skin.



CoolMist™ integrated in the Nx-Runner



CoolMist™ integrated in the R35-Nx handpiece



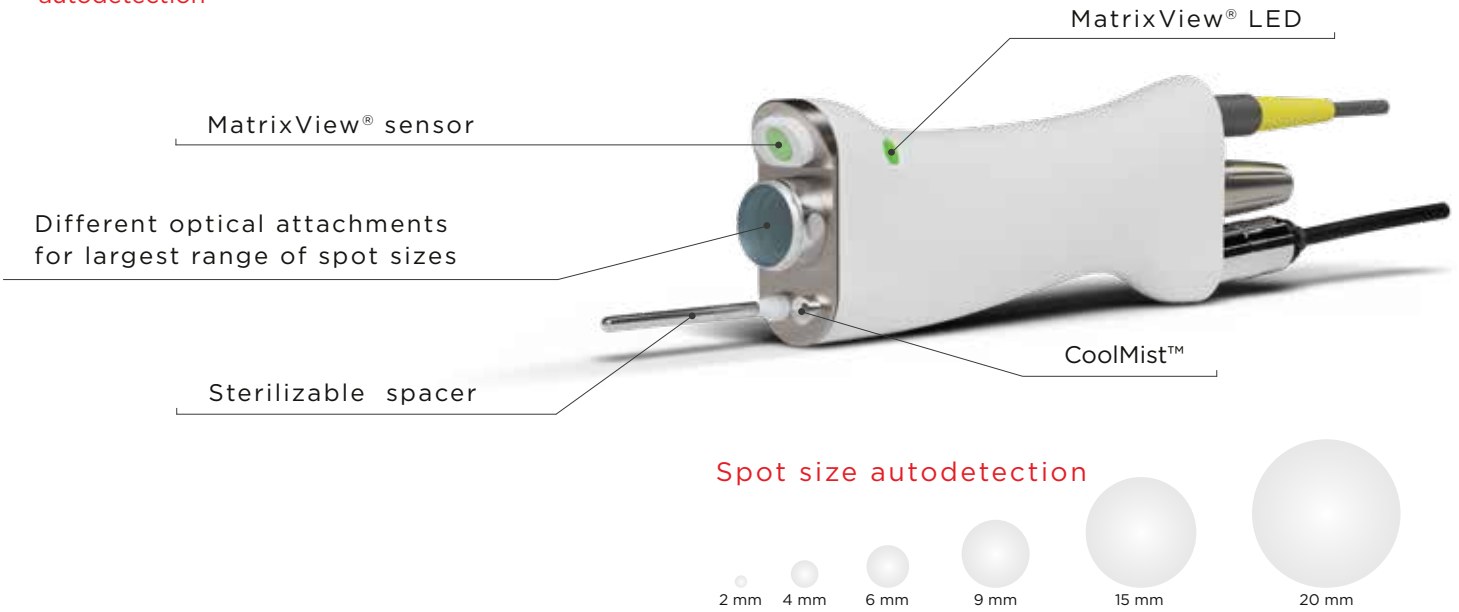
## Benefits of CoolMist™:

- More effective cooling of the skin, achieving lower temperatures faster
- Eco-friendly, using water only
- Non-contact, no need for gels
- One container of demineralized water lasts for a full day of laser procedures
- No consumables
- Eliminates odor

# R35-Nx Handpiece

## Innovative Solutions for Convenience in Use

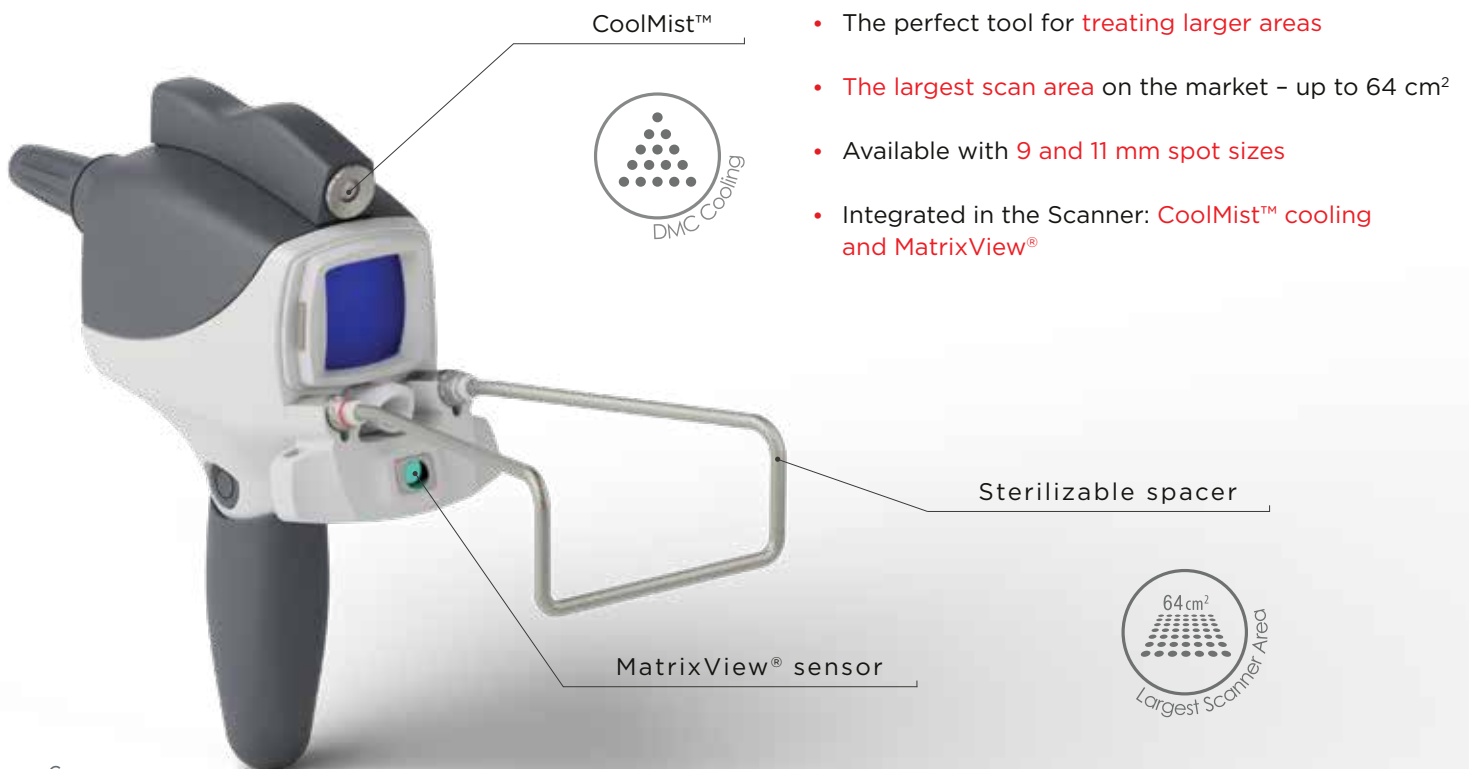
- Modern lightweight design
- Different spot sizes: 2, 4, 6, 9, 15, 20 mm with autodetection
- Integrated CoolMist™ cooling technology\* and MatrixView® thermal sensor



\* For a greater cooling effect, a special cold air cooling adapter is available. It can also be used without dry spray.

# Nx-Runner Scanner

## For Optimal Coverage and Speed



# Dynamic Vacuum Technology



## Provides Additional Treatment Options

- Dynamically controlled intermittent suction
- Improves lymph microcirculation
- Deep-tissue body and facial treatments

## The Next Generation of Multi-use Technology



# More Applications for your Practice

The SP Dynamis Nx Line provides more than 100 treatment options including new popular noninvasive facial and body treatments with supreme natural-looking results.



A refreshed user interface includes exciting new treatment options.

- Fotona4D®
- Fotona4D®Men
- HAIRestart®
- SmoothEye®
- LipLase®
- VectorLift®
- ComfortLase™
- TightSculpting®
- TensorTight™
- OrangeLase™
- LineLase™
- NightLase®
- Active Acne
- Full Beam & Fractional Treatments
- Hair Removal
- Pigmented and Vascular Lesions
- Scars
- Gynecology
- Surgical Applications: Laser Lipolysis, Endo Venous Laser Ablation



# Ultimate Face and Neck Aesthetics

A Complete Non-Invasive Treatment Portfolio

## Fotona4D<sup>®</sup>

NON-INVASIVE LASER FACELIFTING

Fotona4D<sup>®</sup> is Fotona's most popular non-invasive facial rejuvenation treatment. It provides a comprehensive approach to rejuvenation from 4 different levels working on deeper, medial and superficial connective structures of the skin, as well as targeting imperfections from the inside out.



Before

After

Courtesy of Dr. Adrian Gaspar

## VectorLift<sup>®</sup>

LASER EYEBROW LIFTING

VectorLift<sup>®</sup> is an innovative solution for non-invasive eyebrow lifting and upper eyelid rejuvenation. It provides the optimal combination of immediate skin tightening with long-term rejuvenation due to new collagen formation.



For detailed settings, see the clinical note by Dr. Adrian Gaspar published in the LA&HA Journal.



See instructional video on MyFotona.



Before

After

Courtesy of Dr. Romina Zadehkabir

## SmoothEye<sup>®</sup>

PERIOCCULAR WRINKLES

SmoothEye<sup>®</sup> is a non-ablative Fotona SMOOTH<sup>®</sup> treatment for tightening of the periocular region and reducing the appearance of periorbital wrinkles. It reduces wrinkles, eye bags and dark circles around the eyes to provide natural-looking results.

## LipLase<sup>®</sup>

LIP PLUMPING

LipLase<sup>®</sup> is a short, non-surgical and non-invasive procedure for lip plumping. Unlike using injectable fillers, LipLase<sup>®</sup> involves no artificial substances, only mild laser energy to stimulate the process of collagen remodeling.

Before

After



Scientific & Clinical Research

Courtesy of Dr. Harvey Shiffman

# HAIRestart®

## STIMULATION OF HAIR GROWTH

- Patented non-ablative X-Restart long handpiece with a 1.8 mm spot size
- Prevents further hair loss and increases hair density & thickness
- Controlled energy delivery
- Large 40 x 23 mm coverage area (16 simultaneously delivered spots)
- Improved scalp accessibility for patients with longer hair
- Adjusted for different alopecia stages
- Patterned Fotona SMOOTH® and eSTART® delivery for better heat distribution
- No medication, no down-time



Before treatment



Courtesy of Fotona

4 weeks after 8 sessions



See instructional video on MyFotona.

# Microablation

## Precise Micro-Aesthetic Laser Ablation with Pen-1 Handpiece

### Key Advantages:

- High-precision, collimated handpieces with 1 mm spot size
- Perfect for micro-aesthetics
- Ablation of small benign lesions (milia, xanthelasma, seborrheic keratosis, etc.)
- Ideal for upper eyelid microablation
- Can be used in selected applications that require cutting



Courtesy of Dr. Anze Zorman



Before

After

# LA&HA Institute



Fotona<sup>®</sup>  
choose perfection

## Comprehensive workshops and trainings

Improve your knowledge and skills in a state-of-the-art laser research and training facility.

Regular clinical workshops and tailor-made training courses are available in the following fields:

- Aesthetics & Dermatology
- Surgery
- Gynecology
- Dentistry

Experience a unique opportunity to interact and share experiences, ideas, and expertise in a professional, highly advanced and relaxed environment.

For registration and more details please visit:  
<http://www.fotona.com/en/workshops/>

For more information contact:  
[trainings@fotona.com](mailto:trainings@fotona.com)



# Next-Generation Body Treatments

New Levels of Innovation for Effective Non-Invasive Body Treatments

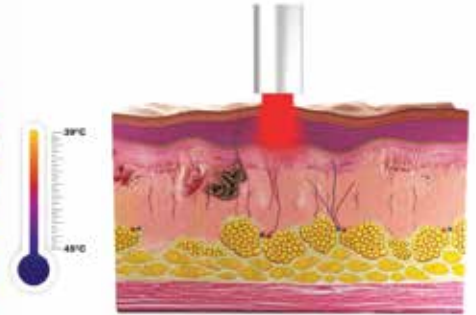
## TightSculpting® & T-Runner Skin Tightening



Scientific & Clinical Research



Step 1: Nd:YAG PIANO  
Deep skin tightening and fat reduction



Step 2: Er:YAG SMOOTH mode  
Collagen remodeling and skin tightening



### L-Runner

- Nd:YAG scanner for up to 64 cm<sup>2</sup>
- High pulse rates, enhanced speed
- Highest possible irradiance, shortest time
- Constant movement, replicable procedure
- Laser light is applied evenly and homogeneously
- Innovative MatrixView® monitor controls the skin surface temperature



### T-Runner

- Er:YAG scanner for up to 64 cm<sup>2</sup>
- Enhanced speed and perfect accuracy
- V-SMOOTH with T-Runner enables the achievement of critical temperatures and depth of penetration for optimal regenerating procedures
- STP (surface temperature parameter) for optimal comfort and effectiveness

## OrangeLase™

CELLULITE REDUCTION

OrangeLase™ is an innovative non-invasive treatment of cellulite optimally performed with L-Runner and T-Runner. It effectively tightens skin, increases its elasticity and reduces the appearance of cellulite.



Courtesy of Dr. Adrian Gaspar

Ref. Gaspar - Treatment of adipose and fibrotic cellulite with Erbium and Nd:YAG scanners

# TensorTight™

SKIN TIGHTENING

TensorTight™ is a minimally invasive procedure that tightens the skin, stimulating collagen production and remodeling. The treatment leads to smoother and firmer skin.



Scientific & Clinical Research



Courtesy of Linjer-Estetiks  
Medisin Kristiansand



Courtesy of Injeksjonsspesialisten  
Clinic



Courtesy of Dr. Claudia M. Pidal



Courtesy of Dr. Shadya W. Ramdjan

# LineLase™

STRETCH MARKS REMOVAL

- SMOOTH tightening and ablative resurfacing
- Improvement of skin texture and appearance
- Collagen remodeling
- Appropriate also for darker skin types
- Minimally invasive

# Hyperstacking

## Fotona SMOOTH® 10+ stacks

The hyperstacking technique allows greater heat penetration and increased thermal diffusion, achieving greater fibroblast recruitment and consequently enhanced collagen remodeling.



Pre laser Tx.  
40X



90 days post 4 laser  
sessions 40X

Courtesy of Dr. Adrian Gaspar



With PS03X



With T-Runner

# StarWalker Family

StarWalker® MaXQ

Extremely high energy nanosecond pulses with picosecond power

StarWalker® PQX

Highest performance picosecond power



# StarWalker® MaQX

Ultra Performance  
Q-Switched  
Laser System

**10 J of Q-switched energy**

**14 modalities and 4 laser  
wavelengths**

**Pico within nano**

- Pulse modalities from nanoseconds to microseconds, milliseconds and seconds for optimal tissue effects
- Intuitive and intelligent graphical user interface with instant access to preprogrammed procedures via a large display
- Compact handpieces with automatic real-time detection of handpiece type and spot size

# StarWalker® PQX

Ultra-Performance  
Pico Laser

**Highest power, shortest pico  
pulse**

**300 ps pulse duration**

**800 mJ of energy**

**2.7 GW of power**

- Highest pico power & energy
- Shortest pico pulse width
- Exceptional spot size capabilities
- Largest fluence spectrum for flat-top handpieces
- Patented FracTAT® treatments for scars, pigments and rejuvenation
- Smallest footprint
- Wide range of laser wavelengths
- No consumables





# Movit StarWalker MaQX and PQX Handpieces

One handpiece body with four different spacers can produce both fractional and full-spot Nd:YAG and KTP beams.



## Movit & Movit HIGH

The optimal choice for non-ablative "brushing mode" treatments

- Square shape
- One unit for multiple applications
- Movit & Movit HIGH

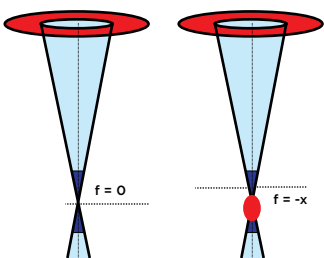
Courtesy of Dr. Wong Yeut Sun



Pigmentation removal with PQX.

	1064 fractional	1064 full spot	532 fractional	532 full spot
Movit	13x13, 15 mm (15x15 mm)	/10 mm (square)	21x21, 12 mm (12x12 mm)	/10 mm (square)
Movit high	11x11, 7 mm (7x7 mm)	/4 mm (square)	20x20, 6 mm (6x6 mm)	/4 mm (square)

## Laser Induced Optical Breakdown - LIOB Handpieces



Focus on the skin surface = non LIOB

Focus under the skin surface = LIOB

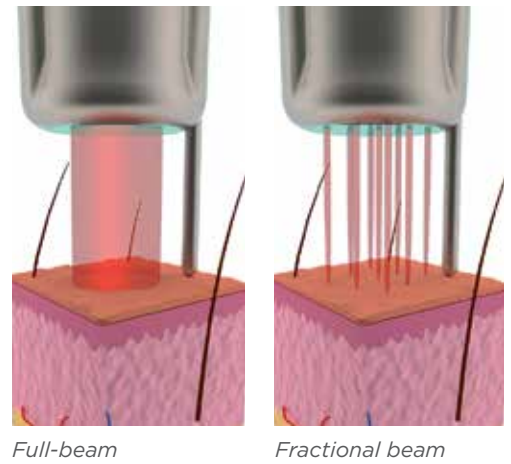




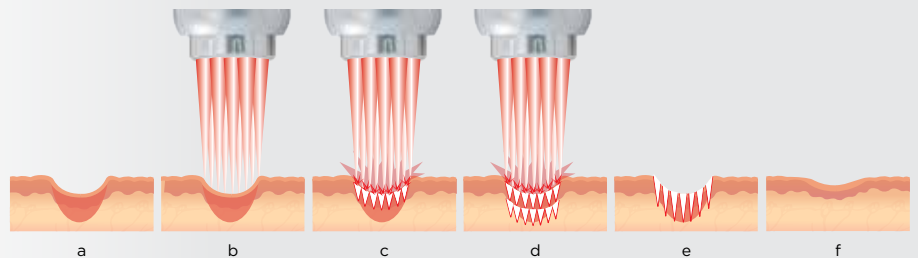
# FracTAT<sup>®</sup>

## Fractional Ablative and Non-ablative Treatments

- Enhanced generation of photoacoustic shockwaves
- Reduced frosting and pressure on surrounding tissue
- Direct pigment removal via ablation and healing of fractionated skin



## Scar Treatment with FracTAT<sup>®</sup>



### FracTAT<sup>®</sup> fractional ablative treatment of acne scars

Fractional ablative treatment of acne scars (a). Fractionated laser beam is focused on the skin surface (b), with intensities higher than the ablation threshold (c). Multiple stacks are applied (d) to achieve desired ablation depths (e). This minimally invasive treatment approach results in good improvement (f) with a very short recovery time and negligible side effects.

Courtesy of Dr. Eugene Chong



Acne scars treatment with PQX.

**New TURBO Mode for more intense PQX FracTat ablative treatment:**

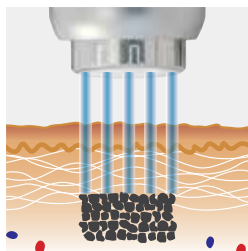
- TURBO mode administers a train of consecutive pulses spaced 200 ms apart.
- The practitioner can choose the number of pulses in the train depending on the desired intensity.



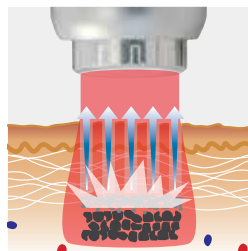
**StarWalker MaQX Tube spacer for FS handpieces**

- Reduction of sound
- Reduction of debris

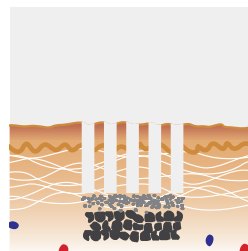
# FracTAT<sup>®</sup> Tattoo Removal



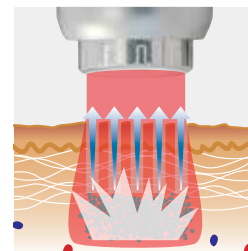
Micro holes are drilled with an ablative fractional laser



First treatment with a MaQX pulse

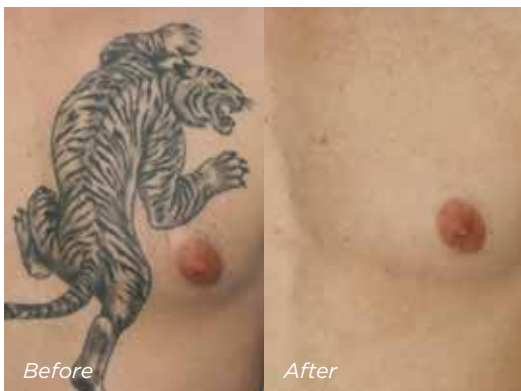


Reduced frosting effect



Subsequent MaQX pulses are not blocked from reaching deeper lying pigments

Courtesy of Dr. Leonardo Marini



Tattoo removal with MaQX.



Tattoo removal with MaQX.

Courtesy of Dr. Jernej Kukovič

# FracRevive

## 2 in 1 Rejuvenation and Pigment Treatment

- Combining full-spot and fractional treatment
- Minimally invasive
- Safe for all skin types



Courtesy of Nuskinnovation

FracRevive with MaQX.



Courtesy of Fotona.

FracRevive with MaQX.



Courtesy of Nuskinnovation

FracRevive with MaQX.

# Pigmentation Removal

- Exceptional results
- Less downtime
- Less invasive

Pigmentation removal with PQX.



Courtesy of Drs. Julio & Sebastián Vélaz Ocampo

Multipulsed freckles treatment with MaQX.

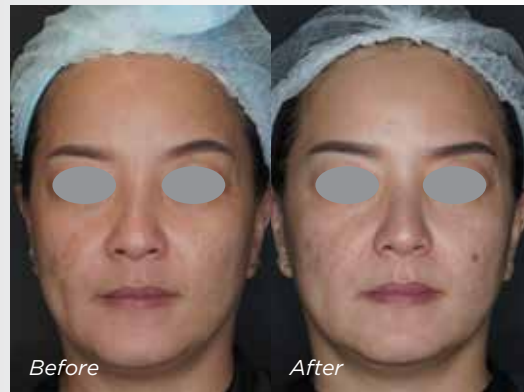


Courtesy of Dr. Wong Yeut Sun.

Pigmentation removal with PQX.

# Melasma Management

- Safe treatment of resistant melasma
- Low risk of adverse reactions
- High patient tolerability



Courtesy of Dr. Jesse Chong

Melasma management with PQX.

# MaQXClear® – StarWalker MaQX Melasma Treatment

StarWalker MaQX's multiple modalities are optimal for treating long-term melasma and other pigmentation disorders.

**4 STEPS:**

**1<sup>st</sup> Step**  
**Q-switched**  
**Nd:YAG MaQX 1**

Destruction of melanosomes and fragmentation of dermal melanin

**2<sup>nd</sup> Step**  
**FRAC3 Nd:YAG**

Targets melasma's presumed microvascular component

**3<sup>rd</sup> Step**  
**Fractional Nd:YAG**  
**QS MaQX1**

Stimulation of the exchange of keratinocytes and non-thermal rejuvenation of the tissue

**4<sup>th</sup> Step**  
**VERSA Nd:YAG**

Treatment of vascular lesions if they are visible

Courtesy of Dr. Fernando Sperandio de Macedo.



Courtesy of Drs. Julio & Sebastián Vélaz Ocampo.

# KTP VERDE

for solar lentigos and vascular treatments



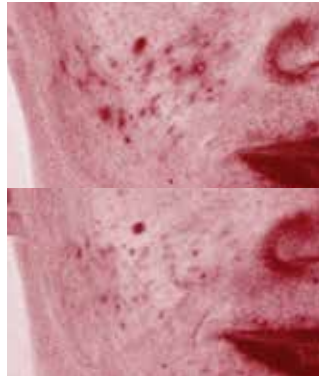
Allows for safe and effective removal of ephelides and solar lentigos in patients with FP skin type IV, with no long-lasting adverse effects. Full-face application of long-pulsed KTP can result in improved skin texture and tone.

Courtesy of Drs. Julio & Sebastián Vélez Ocampo



Courtesy of Dr. Chua Cheng Yu

Courtesy of Dr. Urša Fratrik Florjancić



## Compression windows for minimizing downtime

### Accessory for R28d and R58d

- Minimizes erythema and tissue damage
- Shortens downtime



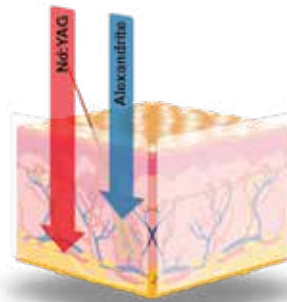
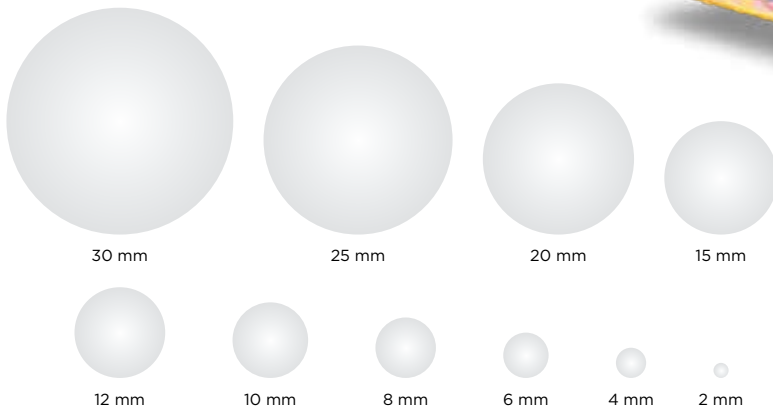
# AvalancheLase<sup>®</sup>

## The Ultimate Hair Removal Laser System

**Two Wavelengths in One System: Alexandrite (755 nm) and Nd:YAG (1064 nm)**

- Unique Avalanche effect for increased comfort and efficacy
- Safe & comfortable treatments with patented CoolMist™ cooling
- Extremely large spot sizes (30 mm) and high frequencies for faster procedures
- Long-lasting results
- Exceptionally fast and effective hair removal
- Suitable for all skin types

Spot sizes



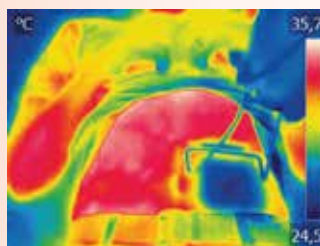
Selectively and efficiently targets hair follicles leaving surrounding tissues unaffected!

## Patented CoolMist™ Cooling Technology

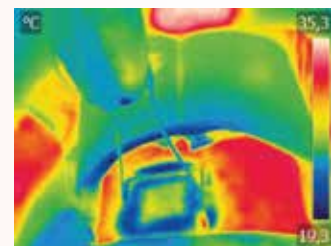
Fotona's revolutionary CoolMist™ skin cooling technology is integrated into the handpieces and scanner to further improve comfort and enhance safety.



No need for an additional cold-air cooling device!



Large area homogeneous skin cooling with CoolMist™



Scanned laser irradiation in combination with CoolMist™

**LX-Runner scanner** – optimal coverage and speed

- Perfect for treating larger areas
- Dual-wavelength compatibility
- The largest scan area on the market – up to 64 cm<sup>2</sup>
- 9 and 11 mm spot sizes
- Integrated CoolMist™ cooling and MatrixView®



**R35X Handpiece** – innovative solutions for convenience in use

- Modern lightweight design
- Dual-wavelength compatibility
- Different optics options for multiple spot sizes (2, 4, 6, 8, 10, 12, 15, 20, 25 and 30 mm)
- Integrated CoolMist™ cooling and MatrixView®



**MatrixView®** – skin temperature monitor

- Ensures effective temperature-controlled treatments
- Ultimate patient comfort and safety



## Avalanche Effect

The Avalanche effect delivers low-energy laser pulses to the same skin area several times during the same session, causing a gradual increase in absorption of the laser energy within the hair. **This highly effective method improves comfort as well as ease of use.**

## Customize the Hair Removal Treatment to Your Patients' Needs

Since discomfort is typically higher during the initial treatment sessions, we suggest starting the treatment plan with the more comfortable Avalanche protocol. Later sessions can be based on the stamping method or can continue with Avalanche. Tailor it according to your patient's needs!



After 3 Tx Avalanche + 3 Tx Stamping

After 6 Tx Avalanche

Results before and at the 6-month follow-up after laser treatments with stamping mode used during the final three sessions (left photos), and with Avalanche mode used during all sessions (right photos).

# TimeWalker® Fotona4D®

## Laser Specialized for Facial Treatments

- Next-generation aesthetic laser with technology optimized for facial treatments
- The ultimate tool to achieve a natural face lift with no surgery and no downtime, using a comprehensive approach to facial rejuvenation



### UNIQUE MODALITY COMBINATION

- **Fotona4D®**
- **Fotona4D®Men**
- **SmoothEye®**
- **LipLase®**
- Vascular treatments
- Acne scars
- Facial hair removal
- and more!



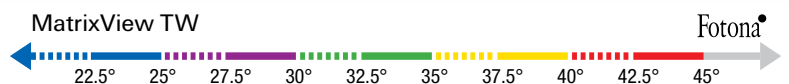
### Updated graphical user interface with new popular aesthetic applications and preset parameters:

- VectorLift®
- LineLase™
- Scars



## MatrixView

Fotona's MatrixView handpiece technology is designed to carefully monitor skin temperature to ensure improved effectiveness and safety of procedures.



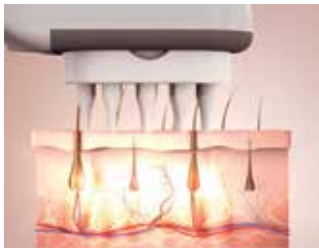


# TimeWalker® HAIRestart®

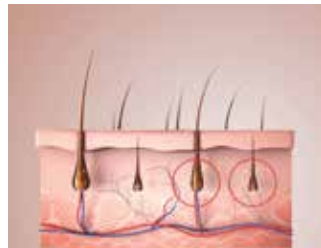
## Laser Specialized for Hair Growth Stimulation

Breakthrough technology optimized for laser stimulation of hair growth using the new Fotona eSTART® modality.

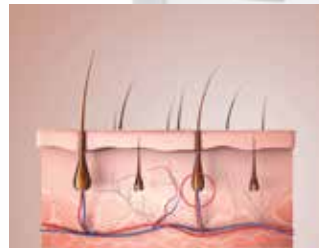
- Prevention of further hair loss
- Increase of hair density and thickness
- Non invasive
- No medications
- No downtime



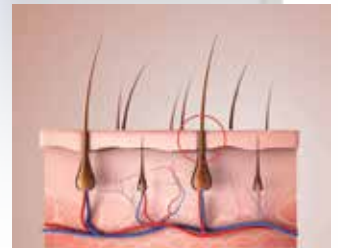
Laser pulses activate specific cell signaling pathways that regulate the hair cycle.



Synthesis of growth factors and new extracellular matrix proteins is activated.



Vasodilation and neoangiogenesis, with increased blood flow to the hair follicle.



Stimulation of the active growth stage of the hair cycle and increase in shaft diameter.

Courtesy of Dr. Ng Hong Yi



Courtesy of Dr. Shingo Minagawa



Courtesy of Dr. Kingsley Mariadasan

# StarFormer®

## Magnetic Body Sculpting and Muscle Strengthening

### TightWave®

The missing link to the perfect body

HITS™ High Intensity Tesla Stimulation – Fotona’s solution for magnetic stimulation of muscle tissue, resulting in effortless body firming, toning and shaping.

Magnetic stimulation remotely induces electrical currents in the neuronal tissue, providing a **trigger for a muscle contraction**



#### Clinical studies of TightWave® report significant results with respect to:

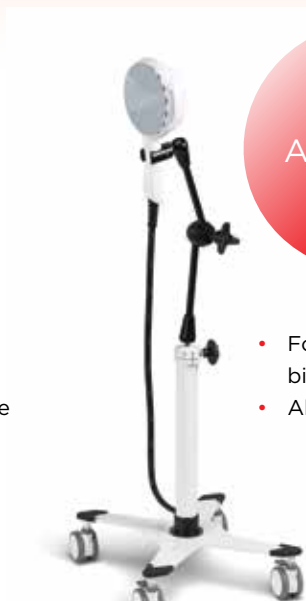
- Muscle strength
- Endurance
- Muscle power/exercise capacity
- Quality of life related to muscle function
- Muscle size
- High patient satisfaction



**NEW**  
Radial XLarge  
Applicator for  
Larger Areas

23,5 cm

- 23.5 cm diameter
- The preferred choice for gluts and abdomen muscle stimulation



**NEW**  
Applicator  
Holder

- For easier application e.g. when treating biceps and triceps
- Alternative to straps

**NEW**  
Advanced  
Electronics

**Simultaneous use of two applicators to maximize your clinic's productivity.**

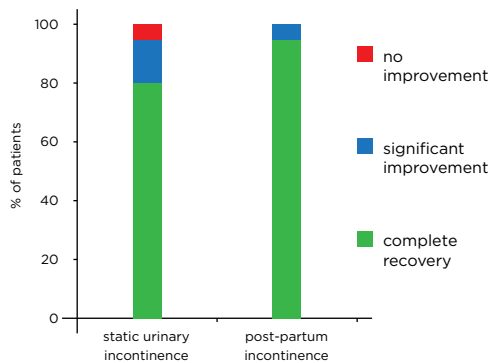


## IntimaWave®

Treatment of female and male urinary incontinence and other pelvic floor disorders

**Numerous clinical studies demonstrate that magnetic stimulation results in significant improvement of:**

- Stress / urge / mixed urinary incontinence
- Postpartum incontinence
- Urinary incontinence following (radical) prostatectomy
- Fecal incontinence
- Chronic prostatitis
- Chronic bladder pain syndrome



*Effectiveness of HITS™ treatment for urinary incontinence. Adapted from Strumbelj et al.*



Lukanovic, D., et al. (2021) **Effectiveness of Magnetic Stimulation in the Treatment of Urinary Incontinence: A Systematic Review and Results of Our Study.**



Vesel, J., et al. (2021) **End User Survey on the Use of High Intensity Tesla Stimulation (HITS®) Magnetic Devices.**



Talaber, I., et al. (2021) **Introduction to High Intensity Tesla Stimulation (HITS) with StarFormer® and Review of Electro-Magnetic Field Device Clinical Applications.**



Coming soon

# SkyWave®

## Compact & Portable Line of Dermatological Lasers



### The latest laser technology

- Non-ablative Er:YAG with patented Fotona SMOOTH® technology
- Newest Pen line of handpieces for ultimate precision in microablation and surgery
- Selection of 2 high-power diodes enabling additional treatments (1064 nm and 1470 nm)



reddot winner 2020

Wide range of signature Fotona treatments

### SkyWave® signature Er:YAG non-ablative aesthetic laser treatments

- SmoothEye®
- LipLase®
- VectorLift®
- SmoothLiftin® - intraoral
- Smooth tightening

### SkyWave® Er:YAG ablative laser treatments in aesthetics and dermatology

- Benign lesions
- Scars
- Stretchmarks
- Skin resurfacing
- Microsurgery

### SkyWave® 1064 nm and 1470 nm diode laser treatments:

- ComfortLase™ - 1064 nm pain and photobiomodulation treatments
- 1470 nm and 1064 nm surgical applications, such as EVLA, laser lipolysis and more



# ComfortLase™

## Photobiomodulation and Pain Management

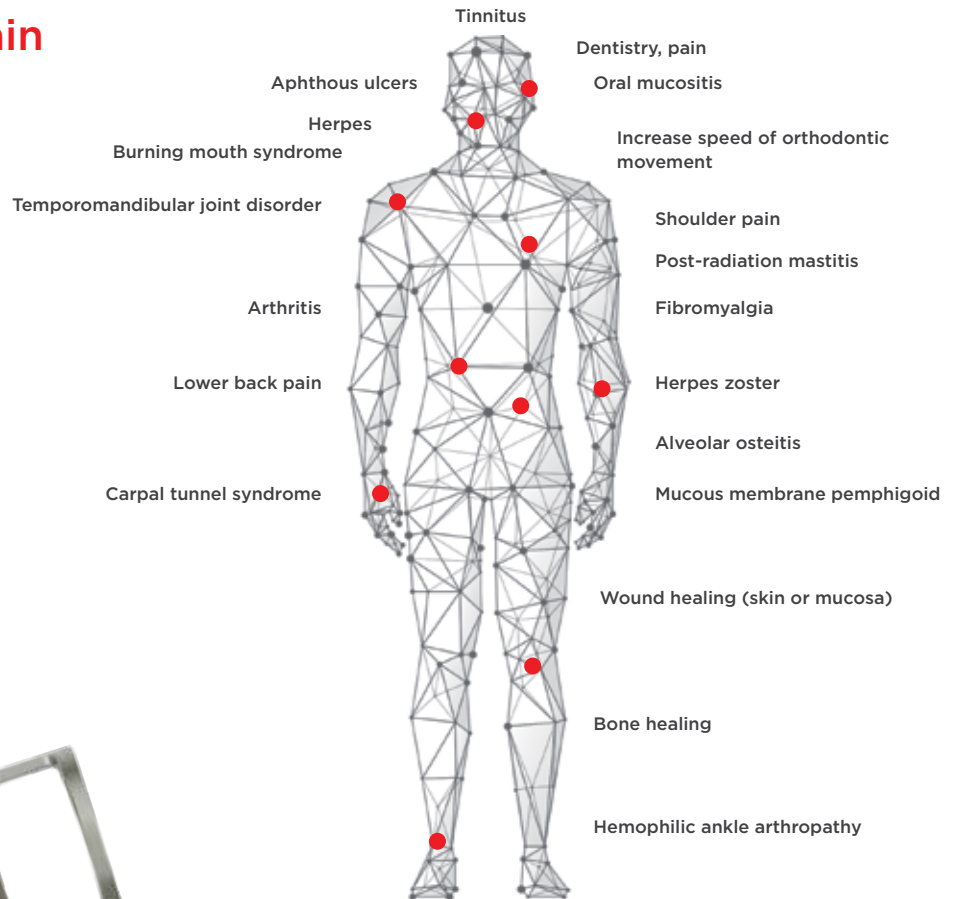
### The Ideal Solution for Wound Healing and Pain Reduction

**Photobiomodulation (PBM)** utilizes low-level light energy (visible to near-infrared), which stimulates the body's cells to naturally heal, reduce inflammation and relieve pain. Additionally, the process results in accelerated tissue regeneration, stimulation of cell metabolism, increased lymphatic flow and stimulation of micro-circulation.

**Pain Management** laser procedures utilize high-level infrared light energy, which gently warms up the target tissue and reduces pain.

ComfortLase™ is one of Fotona's most popular laser treatments in the categories of Surgery and Dentistry!\*

*\*According to the 2022 Fotona End-User Survey.*



## MarcCo™ Handpieces

**The latest line of handpieces for Photobiomodulation and Pain Management:**

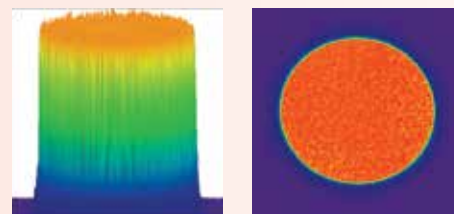
- Fast & non-invasive, with support for ComfortLase™ treatments
- Unique, collimated & homogenous beam profile
- Sterilizable spacers for increased safety
- Modern ergonomic design

**MarcCo™ handpieces can be used with the following Fotona laser systems:**

**Dentistry** LightWalker®, SkyPulse®

**Aesthetics and Gynecology** SP Dynamis®, TimeWalker Fotona4D®, TimeWalker IntimaLaser®, FotonaSmooth SP®

**A perfectly homogenous beam profile for effective and reproducible treatments**



*MarcCo™ flat-top beam profile*

# Find a Doctor

Put yourself on the map!

[www.fotona.com](http://www.fotona.com)

Looking for a simple way for patients to locate your practice?

Sign up for Fotona's Find a Doctor service and draw new patients to your practice. Fill in a simple form and put your practice on the map.

**Help Patients Find You Faster!**



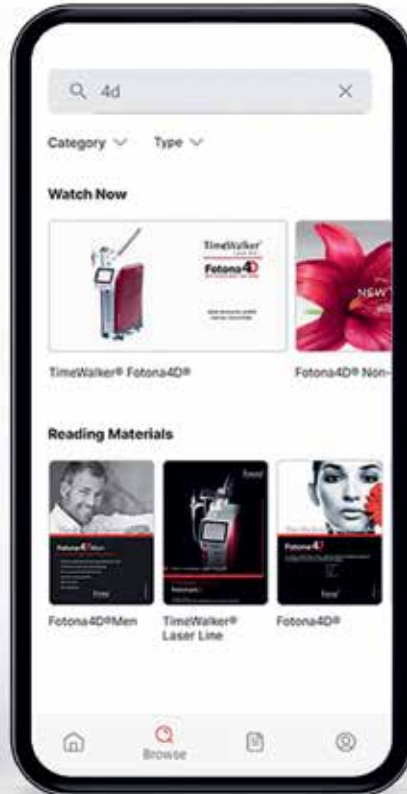
Search  
Find a Doctor  
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How to add  
your practice

# Fotona

choose perfection



## Fotona App

Fotona at your fingertips

- **930+** Videos
- **210+** Presentations
- **240+** Published Cases from 140 Clinical Experts
- **620+** Educational Webinars
- **160+** Hours of Video Content

Register your device for full access to all of the above content!

# M♥Fotona

Register your laser system for full access to valuable promotional and educational content.



**FOTONA VIDEO LIBRARY**  
All Fotona videos you ever wanted to see, catalogued and organized as a proper library should be.



**FOTONA CLOUD**  
Searching for promotional videos? Brochures? Leaflets? Posters or maybe magazines? Your search is over. Download everything from one place.



**MY PRODUCTS**  
An overview of your registered Fotona products.



**LA&HA SYMPOSIUM LECTURES**  
Educational video lectures for the long and sleepless nights.



**EXHIBITIONS AND CONFERENCES**  
A constantly updated list of international congresses and exhibitions where Fotona will be present. Be sure to stop by our booth to keep in touch with the latest developments and join us for coffee!



**NEWS**  
Providing you with a worldwide overview of current events related to Fotona's platforms.



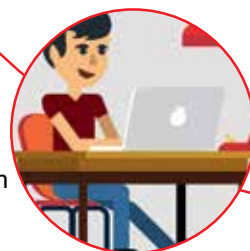
**RECOMMENDED READING**  
Keen on scientific inquiry? Look no further than our comprehensive database. Reading was never so fun!



**MY FOTONA REPRESENTATIVE**  
Ever wondered who your local representative is? Not anymore.



**TRAININGS & WORKSHOPS**  
Detailed information on upcoming laser training workshops worldwide.



**MY PROFILE**  
You already know what is inside. But in case you forgot: Change your personal information including email and password.





Follow us on social media



**@Fotona Choose Perfection**

*Groups:*

Fotona Family Group (Fotona employees, distributors)

Fotona SP Dynamis Users Group (Dynamis users)

International LightWalker Users Group (Dentistry)

LightWalker User Group (USA, Dentistry)

Fotona Medical Laser Users Group (All Fotona users)

FOTONA (All Fotona users)



**@Fotona\_international**



**@Fotona d.o.o.**



**@FotonaLasers**



## OVERVIEW OF FOTONA LASER SYSTEMS



### Dynamis

Model	SP Dynamis / SP Spectro / NX Dynamis*	XS Dynamis	XP Dynamis
<b>Laser type</b>	Er:YAG	Nd:YAG	Er:YAG
<b>Wavelength</b>	2940 nm	1064 nm	2940 nm
<b>Power</b>	20 W	80 W / 35 W	20 W
<b>Energy</b>	3 J	50 J	3 J
<b>Scanner</b>	S-Runner F-Runner T-Runner	S-11 L-Runner	S-Runner F-Runner T-Runner
<b>Modalities</b>	MSP, SP, LP, VLP, XLP, SMOOTH, TURBO	FRAC3®, VERSA, PIANO, QCW	MSP, SP, LP, VLP, XLP, SMOOTH, TURBO
<b>Cooling system</b>	CoolMist*		



### StarWalker

Model	StarWalker QX	StarWalker MaQX	Starwalker PQX
<b>Laser type</b>	Nd:YAG/KTP	Nd:YAG/KTP	Nd:YAG/KTP
<b>Wavelength</b>	1064 nm 532 nm 585 nm 650 nm	1064 nm 532 nm 585 nm 650 nm	1064 nm 532 nm
<b>Energy</b>	2.5 J	10 J	800 mJ
<b>Modalities</b>	MaQX-1, MaQX-2, FraQ3, VERSA3	MaQX-1, MaQX-2, MaQX-5, MaQX-10, FraQ3, VERSA3, VERDE	PICO

## AvalancheLase



Model	AvalancheLase LXP	
Laser type	Alex	Nd:YAG
Wavelength	755 nm	1064 nm
Power	130 W	120 W
Scanner	LX Runner	LX Runner
Modalities	ACCELERA, VERSA, PIANO, AVALANCHE	FRAC3, VERSA, PIANO, AVALANCHE
Cooling system	CoolMist	

## TimeWalker



Model	Fotona 4D		Fotona 4D PRO		HAIRestart	TimeWalker IntimaLaser®	TimeWalker IntimaLaser® PRO	
Laser type	Er:YAG	Nd:YAG	Er:YAG	Nd:YAG	Er:YAG	Er:YAG	Er:YAG	Nd:YAG
Wavelength	2940 nm	1064 nm	2940 nm	1064 nm	2940 nm	2940 nm	2940 nm	1064 nm
Power	12 W	30 W	20 W	30 W	20 W	12 W	20 W	30 W
Energy	0.9 J	10 J	1.5 J	20 J	1.5 J	0.9 J	1.5 J	20 J
Modalities	MSP, SMOOTH	FRAC3, PIANO	MSP, SP, LP, VLP, SMOOTH	FRAC3, PIANO, VERSA, LLLT	MSP, SP, LP, VLP, SMOOTH	MSP, SMOOTH	MSP, SP, LP, VLP, SMOOTH	FRAC3, PIANO, VERSA, LLLT



## XPulse Line

Model	XPulse			XPulse II	
Wavelength	810 nm	980 nm	1064 nm	445 nm	810 nm
Power	8 Watts	12 Watts	10 Watts	4 W	8 W

# OVERVIEW OF FOTONA LASER SYSTEMS

## StarFormer



<b>Model</b>	<b>Fotona StarFormer</b>
<b>Input Voltage:</b>	100-240V AC, 50-60 Hz
<b>Power</b>	1500 VA
<b>IP protection</b>	IPX0
<b>IEC 60601/1 classification:</b>	Class I, Type BF
<b>MDD 93/42/EEC classification:</b>	Class IIa
<b>Treatments:</b>	TightWave®, IntimaWave®

## SkyWave



Coming soon

<b>Model</b>	<b>SkyWave</b>
<b>Wavelength</b>	Er:YAG
<b>Diodes</b>	Optional

## Aesthetics & Dermatology

 <p><b>R11</b></p>	 <p><b>PS03X</b></p>	 <p><b>FS01</b></p>	 <p><b>R04</b></p>
<p>PS03X Er:YAG Spot size 2-7 mm Patterned spot</p>	<p>Er:YAG Collimated Spot size 2-7 mm Patterned spot</p>	<p>Er:YAG Spot size 250 µm Fractional 9 mm x 9 mm 81 spots</p>	<p>Er:YAG Focused Spot size 2-12 mm Full spot</p>
 <p><b>R08</b></p>	 <p><b>Pen-1</b></p>	 <p><b>X-Restart</b></p>	 <p><b>LA adapter</b></p>
<p>Er:YAG Focused Spot size 0.45 mm Full spot</p>	<p>Er:YAG Collimated Spot size 1 mm</p>	<p>Er:YAG Fractional beam SMOOTH or Ablative mode</p>	<p>Er:YAG Adapter for PS03 and R11 Intraoral treatments</p>
 <p><b>F-Runner</b></p>	 <p><b>S-Runner</b></p>	 <p><b>T-Runner</b></p>	 <p><b>S11</b></p>
<p>Er:YAG Spot size 250 µm Fractional 12 mm x 14 mm Adjustable 12 mm x 14 mm</p>	<p>Er:YAG Full beam Spot size 4 mm Adjustable 40 mm x 40 mm</p>	<p>Er:YAG Full beam SMOOTH mode Spot size 4 mm Adjustable 62.5 cm<sup>2</sup></p>	<p>Nd:YAG Spot size 3,6,9 mm Area 65 mm x 65 mm Frac3, VERSA</p>
 <p><b>L-runner</b></p>	 <p><b>R33T</b></p>	 <p><b>R34T</b></p>	 <p><b>R27C</b></p>
<p>Nd:YAG Spot size 3, 6, 9, 11 mm Area 65 mm x 65 mm Frac3, VERSA, PIANO</p>	<p>Nd:YAG Spot size 2-10 mm MatrixView</p>	<p>Nd:YAG Spot size 15, 20 mm MatrixView</p>	<p>Nd:YAG Small surgical HP For 600, 1000 micron fibers</p>
 <p><b>R27</b></p>	 <p><b>R35-Nx</b></p>	 <p><b>Nx-Runner</b></p>	
<p>Nd:YAG Surgical HP For 600, 1000 micron fibers</p>	<p>1064nm spot sizes 2-20 mm</p>	<p>1064nm spot sizes 9 mm, 11mm area up to 64 cm<sup>2</sup></p>	

# OVERVIEW OF FOTONA LASER ACCESSORIES

## StarWalker



**R28**

1064 / 532 nm  
2 - 8 mm circle



**R29**

1064 / 532 nm  
2 H, 2, 3, 10, 12.5, 20 mm  
circle



**R58**

532 nm  
1.5 - 6 mm circle



**R585**

585 nm  
2, 3, 4 mm circle



**R650**

650 nm  
2, 3, 4 mm circle



**FS20A**

1064 nm  
9x9 mm fractional, 81 pixels



**FS20B**

1064 nm  
5x5 mm fractional, 25 pixels



**FS50**

532 nm  
9x9 mm fractional, 25 pixels



**Black & Green**

1064/532 nm  
3x3 to 10x10 mm  
square



**DuoDot & DuoHigh**

1064/532 nm  
1-3 mm  
circle



**Black F9**

1064 nm  
9x9 mm  
fractional, 81 pixels



**Black F5**

1064 nm  
5x5 mm  
fractional, 25 pixels



**Green F5**

532 nm  
5x5 mm  
fractional, 25 pixels



**Movit**

1064 / 532 nm  
fractional and full spot



**LIOB spacer -3**

1064 nm  
spacer for fractional HP

## AvalancheLase



**R35 X**

755/1064 nm  
spot size 2-30 mm



**LX Runner**

755/1064 nm  
spot size 9 mm, 11 mm  
area up to 64 cm<sup>2</sup>



## MarcCo Handpieces\*



**MarcCo S**

Unique collimated  
homogeneous Nd:YAG beam  
with 10 mm spot size



**MarcCo M**

Unique collimated  
homogeneous Nd:YAG beam  
with 24 mm spot size



**MarcCo L**

Unique collimated  
homogeneous Nd:YAG beam  
with 43 mm spot size

\* Must be connected with optical fiber compatible with specific laser devices.

# 21<sup>ST</sup> IFW

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LJUBLJANA, SLOVENIA  
MAY 25<sup>th</sup> - 28<sup>th</sup> 2024

Slovenia's capital Ljubljana,  
a thriving urban metropolis  
at the foot of the Alps.

SAVE  
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DATE