Be an artist of the new era.

XP MAX

- An Unrivaled 130 Watts of Power for Faster Treatments
- The Industry's Largest Spot-size Range (from 2 to 20 mm)
- The Largest Laser Scanning Area (42 cm^2)
- Accelera Mode for Superior Selectivity
- VSP Technology for Greater Safety and Precision
- Easy-to-Use Treatment Parameter Management

Fotona
choose perfection

The Highest Performance, Best Made Laser Systems in the World

XP MAX – the Most Powerful Nd:YAG Aesthetic Laser

Aesthetic procedures represent a fast growing and competitive treatment segment. With 130 W power and 120 J energy, the XP MAX delivers everything you need to provide fast, safe and effective aesthetic treatments.

High Performance Aesthetic Treatments

Due to their homogenous absorption, deep penetration, and effectiveness with all skin types, Nd:YAG laser treatments are considered to be the gold standard for procedures such as hair removal, acne and vascular treatments. The XP MAX offers all this and more, with the most powerful and advanced Nd:YAG technology available on the market.

The XP MAX supports the industry's largest manual spotsize range (2 - 20 mm). Its Versa mode is perfect for larger treatment areas and greater depths of penetration, while the Accelera mode offers an edge in the treatment of finer skin structures and imperfections, including thin, lighter hairs, extremely fine vascular structures and wrinkles.

Fastest Hair Removal

When it comes to laser hair removal, the XP MAX is the fastest and safest system on the market. The XP MAX uses a superior hair removal technology that targets hemoglobin in addition to melanin in the hair follicles. This technique is safe for all skin types and is highly effective, even for thin, light colored hairs that have less pigment.

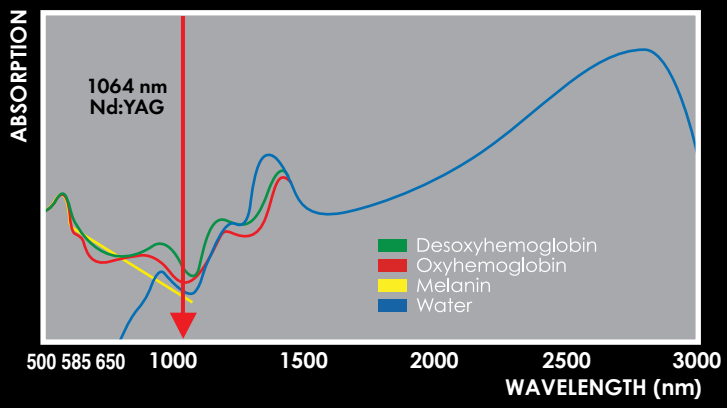
With the addition of Fotona's high-performance S-11 scanner, the art of hair removal rises to new levels of excellence with treatments that are simultaneously fast, precise and comfortable.

Photo cases provided courtesy of Fotona, R. Sult, RN and R. Gansel, MD

Technology for Unrivalled Safety and Precision

Fotona's proprietary Variable Square Pulse (VSP) wavelength and Top Hat beam technologies create precisely controlled sequences of nearly square-shaped pulses, which minimize the delivery of excess laser energy into a patient's skin. VSP and Top Hat technologies minimize the heating of surrounding tissues, thereby ensuring greater precision, comfort and safety.

The specific properties of the Fotona Nd:YAG laser beam ensure energy penetration to the deepest hair follicles, while its low absorption in all skin types guarantees preservation of the surrounding tissues. Fotona Nd:YAG lasers allow you to offer patients safe, fast and effective depilation treatments for even the darkest skin types, without the epidermal damage other light-based treatments inherently cause.



LASER TYPE	Nd:YAG laser
Wavelength	1064 nm
Max. pulse energy / fluence	120 J, 600 J/ cm²
Max. power	130 W
Pulsewidth range	0.1 – 300 ms
Max. frequency	75 Hz
Manual spotsizes	2 – 20 mm
Scanner spotsizes	3mm, 6 mm, 9 mm
Scanner area	42 cm²
Beam delivery type	Optical fiber

Maximum Safety, Unparalleled Results

Erase Veins, Acne, Warts & More…

Unlike most Nd:YAG lasers on the market, the XP MAX is powerful enough to safely handle most common transdermal vein procedures, enabling treatments for leg veins, spider veins, telangiectasias, and hemangiomas. The XP MAX's laser light penetrates through multiple layers of skin to collapse the walls of even the deepest and largest veins, allowing the body to clear them away naturally.

For acne treatments, the XP MAX's powerful Nd:YAG laser with Accelera mode is able to stop acne in its tracks, quickly and effectively. If clear skin is what your patients are looking for, the XP MAX can provide it fast, without toxic chemicals, side-effects or downtime. It is also an ideal solution for other skin treatments such as skin tightening, wrinkle reduction and wart removal.

Accelera Technology for Superior Selectivity

The XP-MAX's Accelera Nd:YAG laser technology generates extremely short pulses of Nd:YAG laser energy, which enhances the process of selective photothermolysis for more effective targeting of specific tissue structures. In addition, Accelera short-pulse technology is at the heart of FRAC3®, an advanced three-dimensional treatment effect. FRAC3® seeks out minuscule, pigmented imperfections in the skin while leaving more surrounding tissue unaffected, resulting in faster healing times compared to conventional fractional treatments. The FRAC3® effect can be applied to enhance numerous aesthetic procedures, including hair and wrinkle removal and vascular treatments.

Before | After | Before | After

Tools for Ultimate Performance and Comfort

Unmatched Scanner Versatility & Speed

With an extraordinary coverage of over 42 cm^2, the XP MAX's ultra-high-performance S-11 scanner provides the maximum possible scanning area for larger treatments. Three scanner spotsizes allow you to strike the perfect balance between treatment efficacy, procedure speed and patient comfort. The 3 mm spotsize is ideal for hair removal as well as for improving skin tone, texture and tightness; the industry standard 6 mm spotsize can be used for both hair removal as well as vascular treatments, and the 9 mm spotsize allows for maximum depth of penetration.

S-11 scanner

Optimal Cold Air Skin Cooling System

The XP MAX offers the latest in easy-to-operate, non-contact skin cooling technology that is designed to help minimize pain and thermal injury during dermatological treatments. The Cryo 6 Cold Air Device delivers a controlled flow of cold air that naturally conforms to any body shape without causing reflection and loss of laser power. Cold air cooling provides maximum visibility and does not require the ongoing purchase and replacement of refrigerant.

R33 & R34 Handpieces

The R33 handpiece has a variable spotsize from 2 to 10 mm, while the R34 handpiece produces 15 mm and 20 mm spotsizes. Both provide the option to integrate cold air cooling into the handpiece assembly.

R33 handpiece | R34 handpiece

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XP MAX INTERNATIONAL RECOGNITION

LAHA Clinical Bulletin 37/11, 2011
Reinhard Gansel MD: "Skin Tightening of the Abdomen Area with the Nd:YAG Laser"

X Jubilee Congress of Polish Society of Aesthetic Dermatologists, 2009
Pierre Andre MD: "Long-Pulsed Nd:YAG Laser: the XP MAX Fotona"

Journal of Cosmetic and laser Therapy Vol. 10, No. 2, 2008
Dr. Matjaz Lukac, Dr. Ladislav Grad: "Scanner Optimized Aesthetic Treatments with the VSP Nd:YAG"

LAHA Clinical Bulletin 03/08, 2008
Thomas A. Sult MD, Robin Sult RN: "Rethinking Selective Photothermolysis in Hair Removal"

Journal of the Laser and Health Academy Vol. 2008, No. 5/2
Dr. Matjaz Lukac, Dr. Janez Zabkar, Martin Gorjan, Thomas A. Sult MD: "Three Dimensional Non-Ablative Fractional Laser Skin Rejuvenation"

Journal of the Laser and Health Academy Vol. 2007, No. 2/4
Dr. Ladislav Grad, Thomas A. Sult MD, Robin Sult RN: "Scientific Evaluation of VSP Nd:YAG Lasers for Hair Removal"

Global Leader for over 45 Years

Since 1964 Fotona has set industry standards of excellence in laser systems for medicine, communications, industry, and defense. Our laser systems are the result of over 45 years of experience and expertise in producing high-tech products for these respective fields. Consequently Fotona is a globally recognized leader and pioneer in the innovation, development and manufacture of laser systems.

High Technology - Made in Europe

As one of the top manufacturers of medical laser systems, our commitment to state-of-the-art, in-house production sets us apart from the competition, which typically outsources the production process. Fotona's in-house manufacturing and stringent testing of all components, in compliance with applicable international standards, ensures that our systems are of the highest quality, reliability and durability. When you choose Fotona, you choose the highest performance, best-made laser systems in the world.

Best Training and Support

To get the most out of your XP MAX laser system, our practitioner workshops, coorganized with the Laser and Health Academy, provide hands-on demonstrations of our lasers from international clinical experts.

The Highest Performance, Best Made Laser Systems in the World.

In-House Technology

Since 1964

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CE 0123

Fotona is certified to: ISO 9001:2008, EN ISO 13485:2003, MDD 93/42/EEC, ANNEX II.3, ISO 13485:2003 (CMDCAS), GMP according to FDA regulations

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