### Quanta System

# DISCOVERYPICO

**AESTHETICS & DERMATOLOGY** 

# Quanta System DISCOVERYPICO

# DISCOVER YOUR UNIQUENESS

The ultimate **Discovery Pico** in combination with the exclusive **VarioPulse Technology**<sup>®</sup> redefines the concept of beauty and skin wellness, in an inclusive way.

## **DRIVE THE CHANGE**

Quanta System's Discovery Pico is well known for the **numerous successful aesthetic treatments** it has performed worldwide, with the aim of **enhancing people's lives**. With this device, well-being knows no limits.

### **EMBRACE INNOVATION**

Thanks to the **elevated flexibility** of the innovative **VarioPulse Technology**<sup>®</sup>, Discovery Pico embraces diversity and provides treatments specifically tailored to the needs of each client.

### **EXTENDED SKIN WELLNESS**

The **Discovery Pico series** of laser devices sets a new standard in the variety of aesthetic treatments, addressing multiple skin conditions with **remarkable versatility**, while taking care of customer's needs.

### NEXT LEVEL RESULTS

**Consumer wellness** truly makes a difference when it is real. Discovery Pico has introduced operators to the possibility of elevating their performances while **preserving comfort** during the treatment.

# Overview

### **PicoBoost Technology**

Up to 1.8 GW of laser power

### Up to 3 Wavelengths

FD Nd:YAG 532 nm Nd:YAG 1064 nm Ruby 694 nm

### Up to 6 Emission Modes

Specific emission modes that allow to use the optimal pulses in all treatments performed

### VarioPulse Technology®

3 Pico-Pulses options available to personalize your treatments and reach a high level of precision and versatility

### **Multiple Handpieces Availability**

A variety of handpieces designed to address a wide range of skin conditions and treatment needs



# 

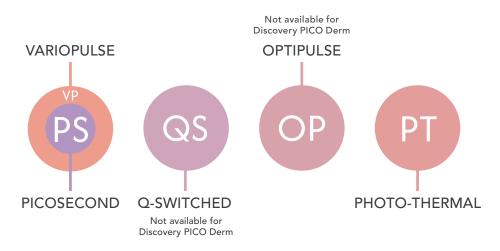
# Discover your uniqueness

At Quanta System, we are dedicated to raising awareness about the importance of **embracing diversity and celebrating the unique beauty of every individual**.

The Discovery Pico is committed to providing **treatments that are truly tailored to the needs of each person**, regardless of age, skin tone or any other distinguishing feature.

Discovery Pico's **flexible technology** allows a large variety of **treatment possibilities**, due to the multiple pulse configuration, which includes the **VarioPulse Technology**<sup>®</sup>.





### PERSONALIZED SKIN TREATMENTS FOR WELLBEING

# Three exclusive treatments



VarioPulse Technology<sup>®</sup> offers a remarkable level of precision and versatility, demonstrating to be a breakthrough innovation in aesthetic medicine.

**Discovery Pico VarioPulse** introduces an exceptional feature to the laser market: the ability to **select the precise Picosecond pulse duration**.

With this powerful feature **you can choose from three Pico-Pulses**, to personalize treatments according to each consumer's unique needs.

Optimizing the pulse duration through precise tuning allows for **reduced treatment times**, contributing to well-being, as result.

**Three new exclusive treatments** have been designed to address a variety of skin needs, offering **new and efficient solutions**.

VarioPulse Technology<sup>®</sup> underscores the importance of well-being both during treatment and throughout the healing process, always giving clients a central role.



### **PICO TUNE-INK**

An adaptable treatment that removes tattoo ink, including wide variety of color and complexity



### **PICO FILLING**

A versatile minimal downtime treatment that revitalizes the skin from within and enhance the skin appearance



PICO PLASMA

An all round skin remodeling treatment, ideal to target scars and acne scars



# 

Discovery Pico was designed for reaching remarkable efficacy while taking care of consumer's safety, offering a wide range of specific treatments dedicated to skin beauty and wellness.

Three Discovery Pico devices are available according to specific wavelengths and emission options: Discovery PICO, Discovery PICO Plus and Discovery PICO Derm.

With its unique features, **the Discovery PICO Series embodies versatility**, allowing for precise calibration of the device and settings for each specific procedure.

**Skin Resurfacing** 

**Skin Rejuvenation** 

Benign Pigmented Lesions

Multicolor Tattoo Removal



# **Treatments**





### **Skin Resurfacing**

The use of multiple wavelengths is the key to successfully performing a **wide range of dermatological procedures**, including **skin resurfacing**.

Due to controlled thermal diffusion, **scars**, **fine lines and wrinkles** can be treated with remarkable efficacy, **addressing the specific needs of each customer**.

**Rapid healing** is ensured due to the **minimal skin damage** that normally occurs during the procedure.



### **Skin Rejuvenation**

While aging is a natural process for everyone, laser skin rejuvenation offers a real solution, targeting various skin concerns and **specific areas of the face and neck**.

This extraordinary procedure enables timely action by **inducing collagen production** and **reducing a wide range of aging signs**.

Skin rejuvenation is effective for treatment on all skin types, providing consumers with a smoothing effect as a result of multilevel skin stimulation.





### **Benign Pigmented Lesions**

Benign pigmented lesions can be caused by a **variety of factors** and certainly need to be treated, even if they are not dangerous to consumer's health.

These procedures efficiently address **reduced skin areas**, guaranteeing a gentler effect and meeting **customers' specific needs**.

Well-being is preserved and efficacy is assured on a variety of indications among which melasma, lentigos, freckles, café aulait spots and Ota & Ito nevus.



### Multicolor Tattoo Removal

**Square spots** and **combined pulses** allow an **outstanding control on overlapping degree**, especially in high-fluence tattoo removal procedures.

The flat-top beam profile allows operators to reach the **maximum laser efficacy** due to its **homogeneity** and assures consumer's safety during and after the removal.

Each wavelength acts specifically on **different color pigments**, broadening the range and the effectiveness of treatments.

# Handpieces

Q v



Different spot shapes to reach a high level of versatility

Treatments Options Benign Pigmented Lesions (Round) Tattoo Removal (Square)

### **PlasmaFrax**

8DF fractional handpiece

Treatments Options Traumatic and Acne Scars Skin Resurfacing Skin Rejuvenation Resistant Tattoo Removal

### **PhotoFrax**

9HC fractional handpiece

Treatments Options Benign Pigmented Lesions Non-ablative Skin Toning Skin Rejuvenation





### **NaturaPeel**®

Dedicated handpiece for cream-assisted laser peeling

Treatments Options Face Skin Peeling Skin Smoothing Pore Size Reduction Collagen Production Stimulation

### Twain 2940

Er:YAG laser @ 2940 nm. The ablative power in your hands

Treatments Options Traumatic and Acne Scars Ablative Dermatological Procedures Skin Resurfacing

### **Twain IPL**

The mix of power and versatility of Intense Pulsed Light

**Treatments Options** Benign Vascular Lesions Benign Pigmented Lesions Skin Rejuvenation Hair Removal





# Redefine skin harmony

Consumers opting for Discovery Pico tailored treatments discover **customized solutions** for their skin concerns and enjoy **enhanced wellness**, placing all their **trust in the hands of the operators**.

Together with the innovative VarioPulse Technology<sup>®</sup> and the advanced training offered through the **Quanta System** Academy program, practitioners can achieve remarkable effectiveness.

This **redefined approach**, made possible by our profound **commitment to wellbeing**, increases **customer engagement** and allows to achieve **a brand new level of business results**.



TAILORED SOLUTIONS FASTER RECOVERY ENHANCED TRUST

# **Before/After**





**Resurfacing - Acne Scars** 

Courtesy of Celina Chung MD



**Rejuvenation - Enlarged Pores** 

Courtesy of Celina Chung MD





**Benign Pigmented Lesions** 

Courtesy of Tetsuo Kinugasa MD



Multicolor Tattoo Removal

Courtesy of Valerio Pedrelli MD

# References

### **Discovery Pico Series**

Tantrapornpong, P., & Sirithanabadeekul, P. Efficacy and Safety of Using a Fractional Picosecond 1064-nm Laser for Treatment of Atrophic Acne Scars in Asian Skin Types. TJPS (2018).

Rho N, Chung ST. Treatment of a Full-thickness Laceration Scar on the Forehead Using a 1,064-nm Fractional Picosecond Laser and Polynucleotide Gel Injection. Medical Lasers (2018).

Sirithanabadeekul, P., Vongchansathapat, P., Sutthipisal, N., Thanasarnaksorn, W. & Suwanchinda, A. Outcomes of 1064-nm picosecond laser alone and in combination with fractional 1064-nm picosecond laser in tattoo removal. J Cosmet Dermatol 21, 2832–2839 (2022).

Manuskiatti, W. et al. Exploring Fractional Pigment Toning: A Novel Approach for Treating Benign Pigmented Lesions in Asian Patients With Fitzpatrick Skin Types III-V. Lasers Surg Med 56, 642–649 (2024) Dai, Y.-X., Chuang, Y.-Y., Chen, P.-Y. & Chen, C.-C. Efficacy and Safety of Ablative Resurfacing With A High-Energy 1,064 Nd-YAG Picosecond-domain Laser for the Treatment of Facial Acne Scars in Asians. Lasers Surg Med 52, 389–395 (2020).

Guida, S., Bencini, P. L. & Pellacani, G. Picosecond laser for atrophic surgical scars treatment: in vivo monitoring of results by means of reflectance confocal microscopy. J Eur Acad Dermatol Venereol 33, e114–e116 (2019).

Guida, S., Pellacani, G. & Bencini, P. L. Picosecond laser treatment of atrophic and hypertrophic surgical scars: In vivo monitoring of results by means of 3D imaging and reflectance confocal microscopy. Skin Res Technol 25, 896–902 (2019).

Chayavichitsilp, P., Limtong, P., Triyangkulsri, K. & Pratumchart, N. Comparison of fractional neodymium-doped yttrium aluminum garnet (Nd:YAG) 1064-nm picosecond laser and fractional 1550-nm erbium fiber laser in facial acne scar treatment. Lasers Med Sci 35, 695–700 (2020).

Pedrelli, V., Azzopardi, E., Azzopardi, E. & Clementoni, M. T. Picosecond laser versus historical responses to Q-switched lasers for tattoo treatment. J Cosmet Laser Ther 22, 210–214 (2020).

Sirithanabadeekul, P., Tantrapornpong, P., Rattakul, B., Sutthipisal, N. & Thanasarnaksorn, W. Comparison of Fractional Picosecond 1064-nm Laser and Fractional Carbon Dioxide Laser for Treating Atrophic Acne Scars: A Randomized Split-Face Trial. Dermatol Surg 47, e58–e65 (2021).

Fusano, M., Galimberti, M. G., Bencini, M., Guida, S. & Bencini, P. L. Picosecond Laser treatment of Striae Distensae: In vivo Evaluation of Results by 3D Analysis, Reflectance Confocal Microscopy, and Patient's Satisfaction. Lasers Surg Med 53, 1180–1185 (2021).

Lueangarun, S. & Tempark, T. Efficacy of 532-nm Nd: YAG Fractional Picosecond Laser with 9 mm High Coverage Handpiece Micro Lens Array in the Treatment of Facial Partial Unilateral Lentiginosis: A Case Report. J Lasers Med Sci 15, e24 (2024).

### NaturaPeel<sup>®</sup>

Conforti C, Guida S, Dianzani C, Turco P, Cazzato V, Zalaudek I, Piccolo D. Carbon Peeling Laser Treatment to Improve Skin Texture, Pores and Acne Lesions: A Retrospective Study. Medicina (Kaunas) 58 (2022).

# Advantages





### **Quanta System**





This brochure is not intended for the U.S. market. <u>Certain Intended Us</u>es/Configurations/Models/Accessories are not cleared for U.S.

DANGER - VISIBLE AND INVISIBLE LASER RADIATION Avoid eye or skin exposure to direct or scattered radiation | Laser product: Class 4 | Aiming beam: Class 3R



Quanta System S.p.A. – Via Acquedotto, 109, 21017 Samarate (VA) – Italy © 2024 All rights reserved – quanta@quantasystem.com | www.quantasystem.com