

# MultiPulse<sup>®</sup>PRO

THE POWERFUL AND  
FLEXIBLE CO<sub>2</sub> LASER FOR  
DERMATOLOGICAL  
SURGERY



## APPLICATIONS

- ⊕ Skin ablation
- ⊕ Skin rejuvenation
- ⊕ Scar treatment



precise +  
**EFFECTIVE**

+ . F . A . S . T . CO<sub>2</sub>

# BORN TO SIMPLIFY

The MultiPulse® PRO combines decades of experience in CO<sub>2</sub> laser technology with an advanced approach to aesthetic skin treatments. Thanks to the precise interaction of laser energy with the tissue, it enables controlled treatment through ablation and thermal effects while minimizing the impact on the surrounding healthy tissue.

Its versatility and different pulse modes allow treatments to be adapted to different needs and areas of application, providing practitioners with a high level of precision and control. The ability to balance ablative and thermal effects makes MultiPulse® PRO a particularly versatile platform for procedures designed to improve skin texture, quality, and overall appearance.

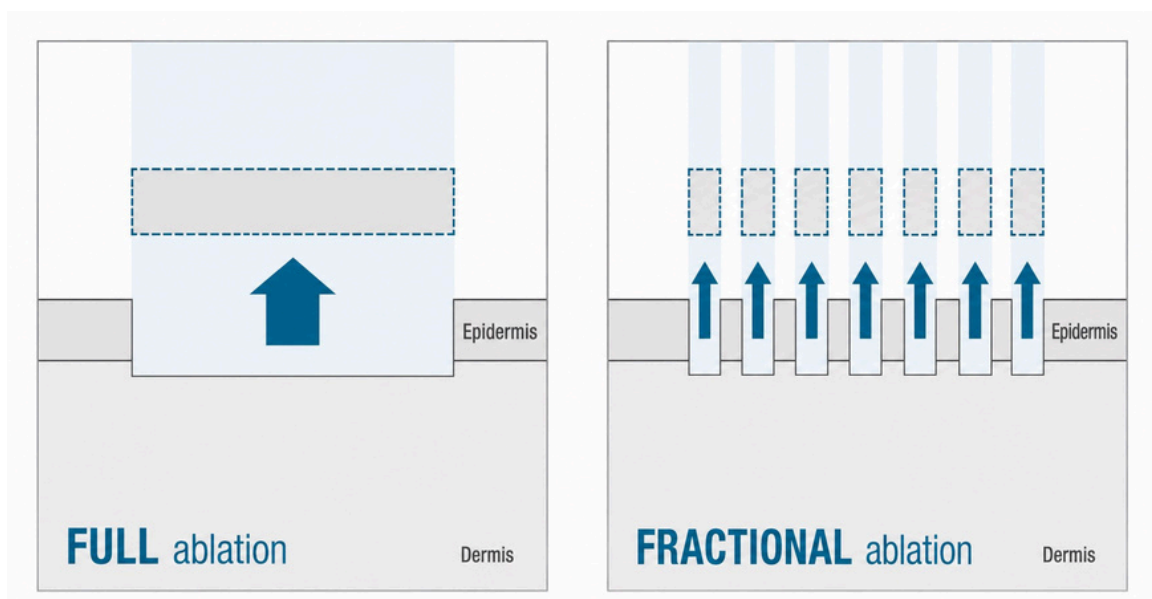
## PERFORMANCE MEETS AESTHETICS

### TREATMENT OF SCARS

Scars resulting from trauma, acne or conditions such as chickenpox can affect both the appearance and texture of the skin. The MultiPulse® PRO offers quick laser treatments designed to improve the appearance of scars and the skin texture, with the potential to positively impact patients' sense of well-being.

### FRACTIONAL LASER THERAPY & FULL SKIN RESURFACING

The MultiPulse® PRO offers two treatments approaches for dermatology: full ablation with the handpieces and fractional treatment with the scanner. Fractional scanning treats only a defined fraction of the skin surface, reducing tissue impact and downtime while requiring less procedural effort. The treatment offers a short post-procedure recovery time.





MODERN USER  
INTERFACE

360° ARTICULATED  
MIRROR ARM

SCANNER &  
ACCESSORIES

RF EXCITED  
CO<sub>2</sub> LASER  
SOURCE

40W & 60W  
VERSIONS  
AVAILABLE

# MultiPulse<sup>®</sup>PRO

## **DESIGN MEETS PERFORMANCE**

The MultiPulse® PRO with its elegant, space-saving design and up to 60 watts was developed to meet the demands of everyday clinical practice.

## **360° ARTICULATED MIRROR ARM**

The long articulated arm provides optimal balance between the handpiece and scanner. The arm can be folded up for transport and secured to the back.

## **SCANNER & ACCESSORIES**

With numerous optics and spacers for the handpieces and the exclusive Frax Terminal SVR for the scanner, the user has the maximum flexibility for every need.

## **MODERN USER INTERFACE**

The sharp and responsive touchscreen, combined with a modern user interface, ensures particularly intuitive and convenient operation.

## **RF CO<sub>2</sub> LASER SOURCE**

The pulse repetition rate of RF excited laser source is faster and more stable, allowing for precise control of laser power and has a long service life.

## **DYNAMIC-PULSE-CONTROL (DPC) TECHNOLOGY**

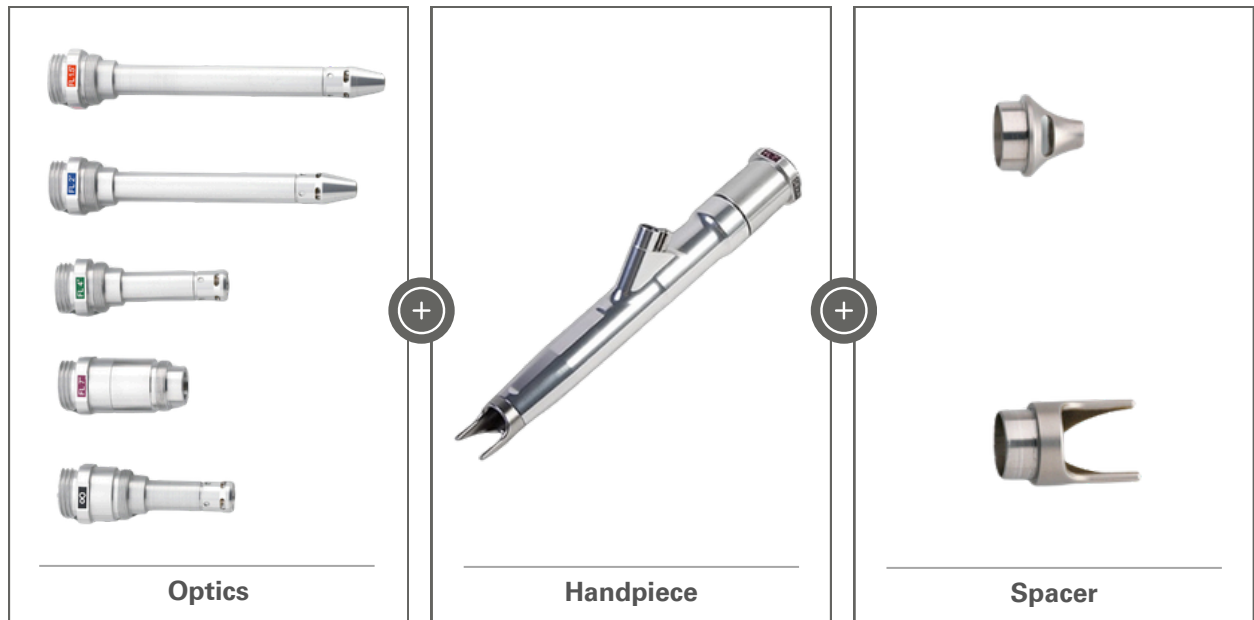
The DPC technology offers different pulse modes with a wide range of ablation and thermal options for individualized treatment approaches.



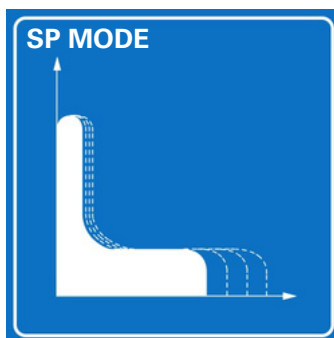
# **MultiPulse® PRO**

# ADVANCED TECHNOLOGY

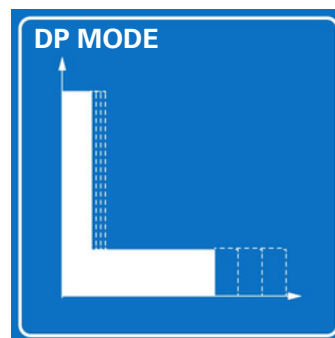
The MultiPulse® PRO sets new standards in aesthetic dermatology and dermatological surgery. The **specially developed optics** and a **multipurpose scanner** enable precise treatments and are optimally tailored to specific clinical requirements.



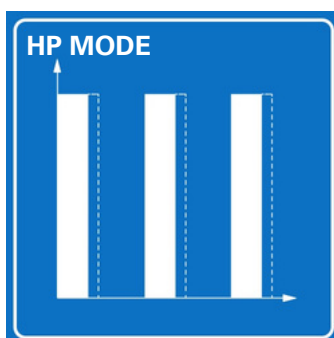
The innovative **DYNAMIC-PULSE-CONTROL (DPC)** technology, with **SP (Standard Pulse)**, **DP (Deep Pulse)**, **HP (High Pulse)**, **UP (Ultimate Pulse)** and **CW** modes, provides precise control over ablation depth and thermal effects. Each treatment can be individually tailored to different indications and patient needs, supporting consistent and reproducible results.



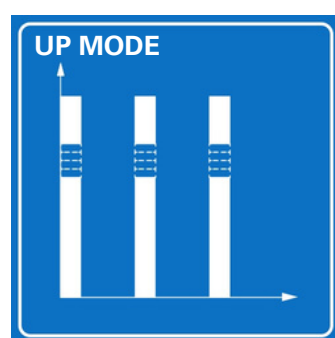
The gentle ablation peak is followed by a heating phase. The epidermis is ablated while the underlying tissue is heated, which is ideal for indications in the papillary dermis.



The high ablation peak with a selectable heating phase form a wedge-shaped geometry in the dermis. Ideal for targeted tissue augmentation, e.g. for atrophic scars and periorbital wrinkles.



The highest ablation peak and shortest pulse for precise ablation. It is effective on the surface or at deeper levels, depending on the power setting. This mode is suitable for scars, wrinkles without skin laxity, and darker skin types.

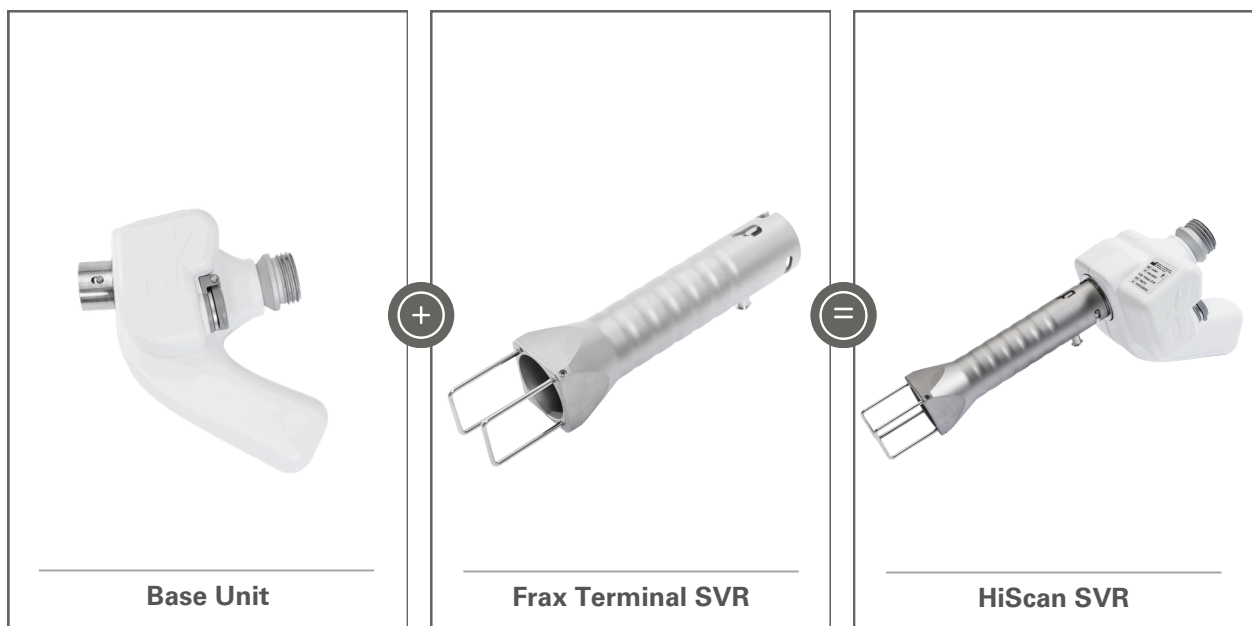


The high ablation peak and short, high-frequency pulses for superficial ablation with a thermal effect.

# SMART SCANNING

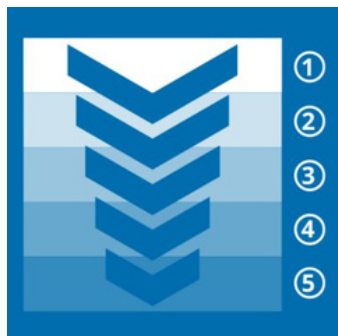
The **HiScan SVR** stands for **Skin Versatility Resurfacing** and is a scanning solution designed for a wide range of aesthetic and dermatological applications. Integrated with MultiPulse® PRO, it provides precise control over treatment parameters, enabling efficient and highly customized procedures tailored to different indications and individual patient needs.

With adjustable spot spacing (pitch), practitioners can seamlessly choose between fully ablative and fractional modes, adapting the level of ablation to the treatment area and desired clinical outcome. This combination of precision, flexibility and control supports optimized workflows, consistent results and a smoother post-treatment recovery experience.

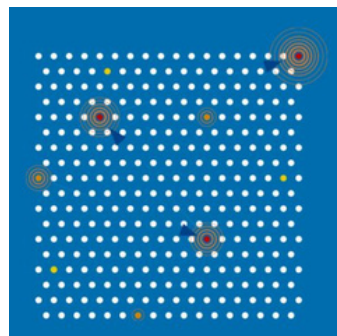


## PRECISE TREATMENT CONTROL

MultiPulse® PRO combines intelligent treatment modes designed to give practitioners greater control, precision and flexibility. The **Stacking** and **Randomized** options optimize different aspects of energy delivery, enabling treatments to be tailored with precision while supporting efficient and controlled procedures.



Five **Stacking** levels provide precise control over vaporization depth. As the level increases, the tissue shrinkage effect is progressively enhanced, providing greater flexibility and control throughout the procedure.



Besides the Normal and Interlaced mode, the **Randomized** algorithm intelligently optimizes the scan path to minimize localized heat build-up, supporting controlled energy distribution and efficient treatment performance.

# PRECISION YOU CAN SEE

The advanced CO<sub>2</sub> laser technology opens up a wide range of possibilities for modern aesthetic dermatology. The MultiPulse® PRO enables practitioners to address dermal and epidermal lesions, wrinkles, scars and overall skin quality with precision. Explore real treatment results and discover how tailored CO<sub>2</sub> laser treatments can translate hightech into visible skin transformation.

## NEVUS CELL NEVUS



*By courtesy of Dr. Karolina Kykalova, Prague, Czech Republic*

## FIBROMA



*By courtesy of Dr. Karolina Kykalova, Prague, Czech Republic*

performance<sup>+</sup>  
in **DERMATOLOGY**

## ACTINIC CHEILITIS



*By courtesy of Prof. Dr. Peter Arne Gerber, Dusseldorf, Germany*

## RHINOPHYMA



*By courtesy of Dr. Andreas Ott, Rehau, Germany*

## ACCIDENT SCAR



*By courtesy of Dr. Andreas Ott, Rehau, Germany*

Knowledge+



**INNOVATION**

·E·X·P·E·R·T·I·S·E·



# ASCLEPION AND JENASURGICAL

## COMPETENCE, EXPERIENCE, SUCCESS

Asclepion Laser Technologies has been developing advanced laser systems for dermatology, aesthetic medicine and surgery **for more than 45 years**. Based in Jena Optical Valley, the company combines continuous research and innovation with the precision and quality of Made in Germany technology, trusted by professionals **in more than 80 countries worldwide**.

**JenaSurgical is the brand of the surgical business unit of Asclepion and the MultiPulse® PRO brings this expertise to advanced CO<sub>2</sub> laser technology, combining proven performance, safety and quality.**

MORE THAN  
**10 000**  
users around  
the world

MORE THAN  
**10 000 000**  
succesfully  
treated patients

By high quality we also mean a customer-oriented philosophy. That is why we do our best day in and day out to provide you with not only the best technology, but also the full spectrum of services: 360° support for you.



Both regional and international trainings are permanently organized in our training center in Jena. That's how we provide our customers all the knowledge that they need for safely and effectively using our laser devices.

Find out more at:  
[www.asclepion.com/academy](http://www.asclepion.com/academy)



A wide range of marketing tools is available on the Asclepion's WEBCLUB, an online platform designed for giving you a real time access to all the latest news and important documents for the success of your practice.

Find out more at:  
[www.asclepion.com/webclub](http://www.asclepion.com/webclub)



Our highly specialized technical assistance, provided both directly and through a network of local distributors, follows the customer from the installation, to the assistance in case of defect, to the delivery of spare parts.

Find out more at:  
[www.asclepion.com/service](http://www.asclepion.com/service)

## TECHNICAL SPECIFICATIONS

|                                          |                                                                                                                                                  |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Laser</b>                             | CO <sub>2</sub> RF excited, class 4                                                                                                              |
| <b>Wavelength</b>                        | 10,600 nm                                                                                                                                        |
| <b>Power</b>                             | Max. 40 W or 60 W versions available                                                                                                             |
| <b>Pulse modes</b>                       | Ultimate Pulse (UP), Deep Pulse (DP)<br>Standard Pulse (SP), High Pulse (HP) and CW*<br><small>* CW is only available for the handpieces</small> |
| <b>Pulse duration</b>                    | 0.5 µs – 86 ms                                                                                                                                   |
| <b>Display</b>                           | 8.4" LCD with touchscreen                                                                                                                        |
| <b>Handpieces</b>                        | Standard: 7.0"<br>Optional: 1.5", 2.0", 4.0" and collimated                                                                                      |
| <b>HiScan SVR with Frax Terminal SVR</b> | Area: 15 mm x 15 mm<br>Pitch: 0 – 2,000 µm<br>Dwell time: 100 – 2,000 µs<br>Modes: Normal, Interlaced, Randomized                                |
| <b>Dimensions</b>                        | 42 cm x 54 cm x 154 cm (W x D x H) with folded arm                                                                                               |
| <b>Weight</b>                            | Approx. 70 kg                                                                                                                                    |

Specifications are subject to change without notice.

For more information about our surgical business unit and applications, please visit [www.jenasurgical.com](http://www.jenasurgical.com).

**[www.asclepion.com](http://www.asclepion.com)**

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