# Dermablate®

STATE-OF-THE-ART
ERBIUM LASER FOR
AESTHETIC MEDICINE




## APPLICATIONS

- Skin ablation
- Skin rejuvenation
- Scar treatment
- Intravaginal treatments
- Snoring treatment

Asclepion
Laser Technologies

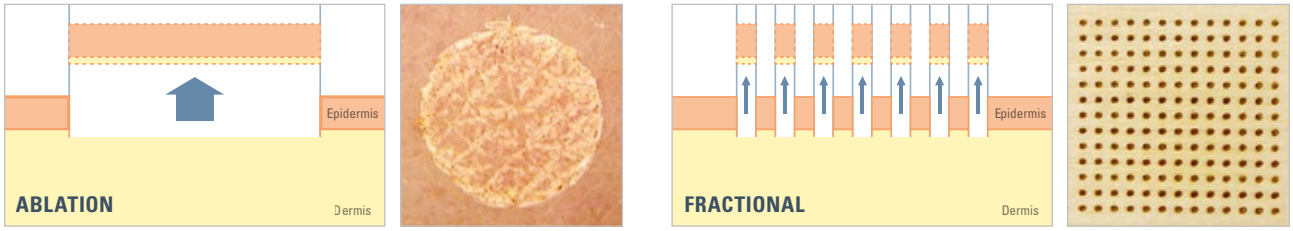
# PRECISION ER:YAG LASER

## FOR ADVANCED SKIN TREATMENTS

The Dermablate® by Asclepion sets a new standard for precision, performance, and safety. It offers a versatile solution for skin treatments, ranging from precise **Cold Ablation** of dermal and epidermal lesions to **Full Skin Resurfacing** with minimal thermal damage. Its **Fractional Therapy** rejuvenates the skin, targeting wrinkles, acne scars, and imperfections by stimulating collagen for fast healing and minimal downtime. Additionally, its **Non-Ablative Mode** tightens skin, improves texture, and enhances elasticity without disrupting the surface, making it ideal for non-invasive solutions.

## INTEGRATED MICROSPOT TECHNOLOGY

The exclusive micro-lens array of the MicroSpot handpiece, dividing the laser beam into a precise 13 x 13 mm grid of micro-beams, allows for precise fractional treatments that stimulate skin renewal and collagen formation. It speeds up healing by preserving untreated skin areas and minimizes the risk of side effects, such as pigmentation changes or scarring.




## UNIQUE PULSE DESIGN TECHNOLOGY

The Dermablate®'s adjustable pulse length (100 – 1500 µs) is a true game changer in the laser market, providing unmatched flexibility and precision for tailoring treatments to individual patient needs.

### Cold Ablation

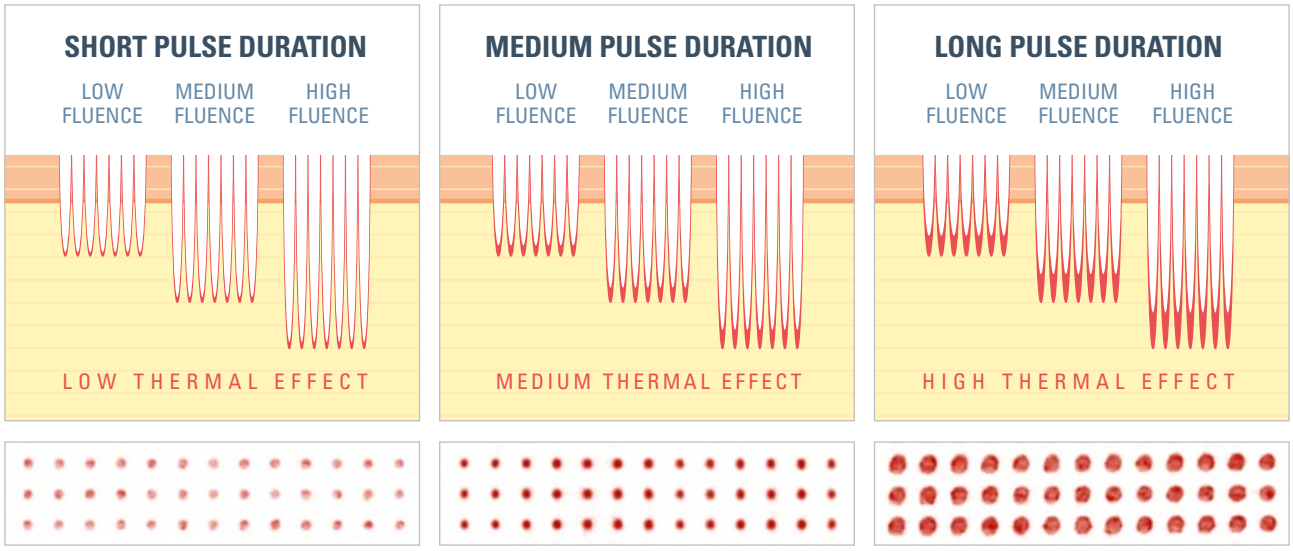
Delivers the highest precision with minimal thermal damage, offering superficial treatments with no downtime

### Deep Ablation

Enables targeted interventions with controlled thermal exposure, effectively reaching deeper tissue layers

### Thermal Mode

Controlled heat transfer, ideal for non-ablative procedures (e.g. skin tightening) and coagulation during ablation



ADVANCED SCAR MANAGEMENT

# DeepSpot

The Dermablate® DeepSpot handpiece, specifically designed for scar treatment including atrophic, hypertrophic, contracture and keloid scars, combines advanced **fractional Er:YAG technology** with superior precision and power.

The exclusive fractional technology with a **spot size of 7 x 7 mm** ensures precise and uniform treatment even in hard-to-reach areas. With a maximum **fluence of 30 J/cm² per pulse**, DeepSpot achieves deeper penetration with fewer pulses and is virtually heat-free, minimizing downtime and enhancing treatment results.

## CUSTOMIZED TREATMENTS FOR EVERY SCAR TYPE

The DeepSpot offers **tailored solutions for a wide range of scars**, combining three specialized modes with precise techniques to optimize results:

### Cold Mode

Ideal for non-mature and hypertrophic scars, it delivers low-heat treatments to reduce side effects and allow safe early intervention.

### Deep Mode

Perfect for deeper scars like post-acne, burns, and keloids treated with LADD. It stimulates collagen, improves elasticity, and reduces tension.

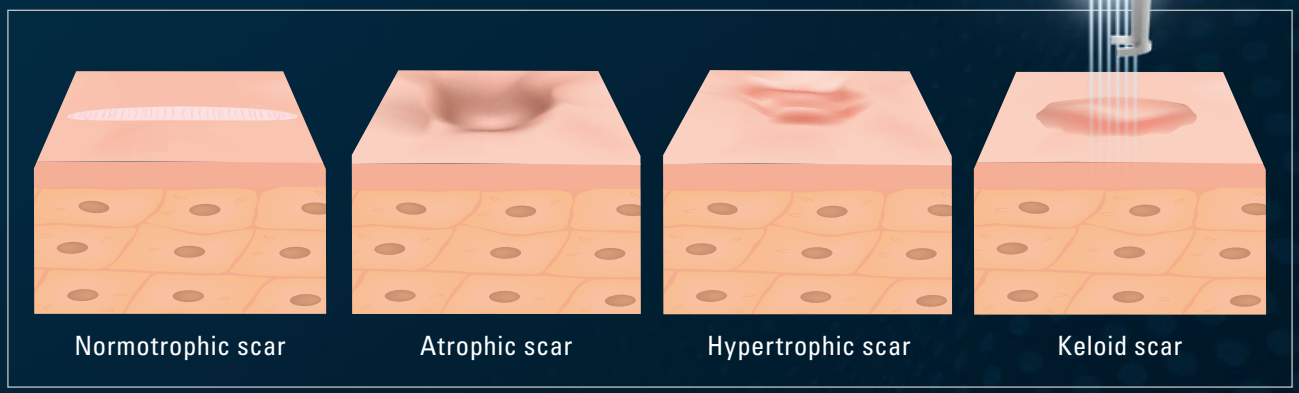
### Warm Mode

Suited for mature scars, including severe atrophic and burn scars, it ensures patient comfort while promoting effective remodeling.

## CLINICALLY PROVEN BENEFITS

- Suitable for all scar types
- Reduced Pain and Risk of Hypopigmentation
- Minimized Downtime and Side Effects
- Immediate Treatment Option for Non-Mature Scars







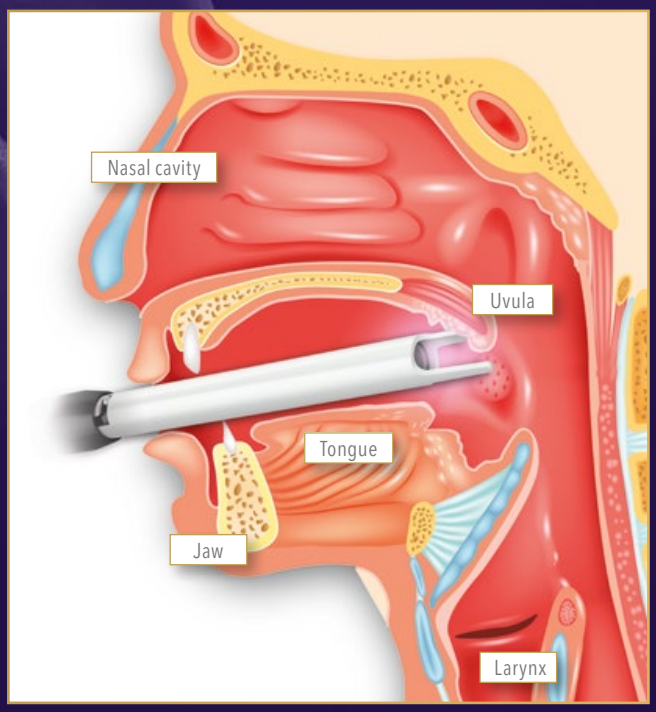
# ROMEO®

## ANTI-SNORING TREATMENT

The fast, gentle and minimally invasive treatment against snoring. Give your patients and their spouses a new lease of life!

Romeo® treatment strengthens the structure of the soft palate and uvula. The result is achieved with fractional laser therapy, which causes microscopic damage to the mucous membrane. As a consequence, the soft palate is tightened and becomes more stable during breathing.

- Outpatient procedure
- Treatment takes less than two minutes
- No anaesthesia necessary
- No time-off



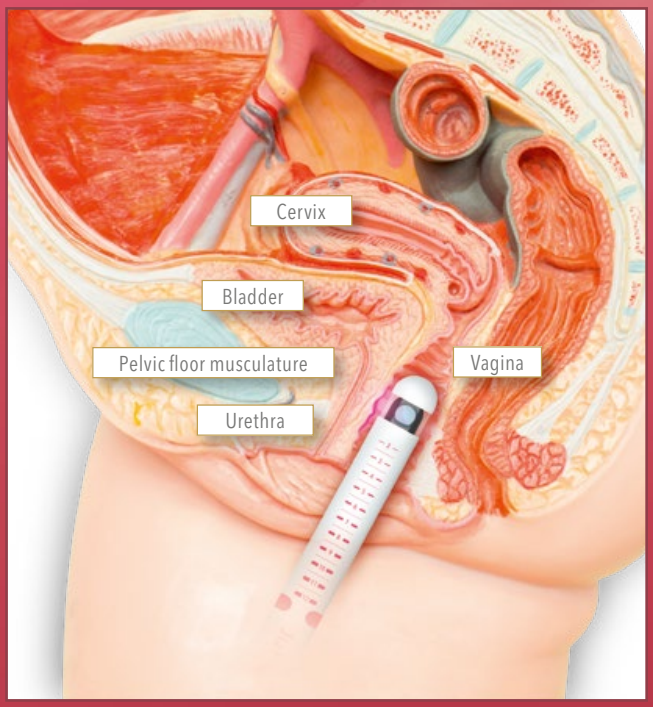
# Juliet®

*the feminine laser*

The fast, gentle, hormone-free and minimally invasive treatment for women's intimate symptoms. Give your patients a new lease of life!

Juliet® is a minimally-invasive treatment to stimulate the production of new collagen and elastin as well as to enhance vascularisation of the vaginal mucosa. This attenuates symptoms such as itching, irritation and pain during sexual intercourse as well as involuntary loss of urine.

- Unique dual-action treatment (ablative & thermal)
- Treatment takes less than 15 minutes
- No anaesthesia required, no downtime
- Noticeable symptom relief after the first session



# TREATMENT OPTIONS

## INNOVATIONS FOR YOUR MEDICAL PRACTICE

The Dermablate® comes equipped with a modern design and the latest laser technology. You can use the system in a wide variety of specialist areas:



### DERMATOLOGY

- Epidermal naevi
- Café-au-lait spots
- Becker's naevus keratoses
- Naevi spili
- Xanthelasma
- Syringoma
- Sebaceous adenoma
- Milia
- Lentigines
- Skin resurfacing
- Periorbital wrinkles
- Acne scars
- Exophytic scars
- Actinic keratoses
- Seborrheic keratoses



### GYNAECOLOGY

- Vulvovaginal atrophy
- Dyspareunia
- Itching and burning
- Loss of elasticity
- Mild stress incontinence



### ENT THERAPY

- Snoring

# CLINICAL HISTORY

## REFERENCES

The Er:YAG laser has been writing a singular success story in medicine and aesthetics since the 1990s:

Asclepion's Er:YAG laser system has been inspiring dermatologists for more than 20 years now. The first laser ever used in dermatology is still suitable for a wide range of treatments, from skin ablation to nail treatment. Asclepion has continuously improved the Erbium laser since 1995, equipping it with innovative handpieces and making it the gold standard it is still considered in dermatology today.

*»I consider the Erbium laser from Asclepion a basic investment that no dermatological practice should be without: versatile, extremely powerful, effective, and yet with very few side effects. The new Dermablate® thus offers everything modern medical aesthetic laser therapy requires to treat skin changes, scars and wrinkles.«*

*PROF. DR. PETER A. GERBER, DÜSSELDORF, GERMANY*

Asclepion's Er:YAG laser was equipped with the innovative Juliet handpiece in 2014, marking its first use for new gynaecology indications, including mild stress incontinence, vulvovaginal atrophy, menopausal urogenital syndrome, and more.

*»Vaginal application in gynecology can be used to treat atrophy symptoms and mild incontinence. It is a non-hormonal, non-surgical, minimally invasive, thus painless and less time-consuming alternative or supplement to previous standard procedures in pelvic floor medicine. The Dermablate® with the Juliet handpiece has the potential to emerge as a new concept for gynecologists to improve the quality of their patient`s life.«*

*DR. MED. HABIL. ANKE MOTHES, CHIEF PHYSICIAN OF THE ST. GEORG WOMEN'S HOSPITAL IN EISENACH, GERMANY*

ASCLEPION has offered the ROMEO® handpiece for the Er:YAG laser since 2017. This additional equipment can for the first time be used to successfully treat snoring-related complaints.

*»I often use the Dermablate® with the special ROMEO handpiece to treat snoring. It's a great supplement for treating my patients with snoring problems: a really simple and elegant solution that delivers reproducible results and does not require any time off work. It's definitely my favourite laser ever, so versatile and really easy to use. Absolutely recommended!« DR. JOSIP LOVRIC, CROATIA*


UNIQUE
HANDPIECE PORT
LONG ARTICULATED
MIRROR ARM
STORAGE SPACE
FOR TOOLS
Asclepion Laser Technologies
Asclepion
Dermablate
INTEGRATED
SMOKE EVACUATION
ADJUSTABLE
PULSE LENGTH
MODERN
DESIGN

# Dermablate®




The Dermablate® comes in an innovative design and with revolutionary technologies in all areas. From the mains adapter to the cooler, including the electronics, display, handpieces, user guidance, and foot switch, the system has been completely redeveloped from scratch. A 'Made in Germany' innovation.

- Maximum power combined with flexible pulse duration
- Maximum speed for all applications
- Numerous handpieces for a wide range of treatments
- Plug-and-play system with remote control
- Quick set-up
- Wireless foot switch

**Max. 3 J**
**ENERGY**

**100 - 1500 µs**
**PULSE DURATION**

**Max. 20 Hz**
**FREQUENCY**

# THE SPECIALISED HANDPIECES

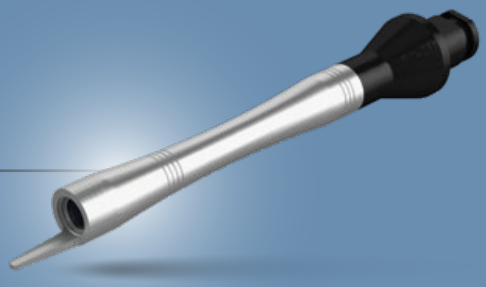
## PLUG & PLAY HIGH-TECH

The Dermablate® offers handpieces developed from scratch. Its ergonomic design and low weight offers doctors an uncomplicated instrument for their daily work. Specially developed optics and connections for integrated smoke evacuation make them the perfect tools for every user's day-to-day work.



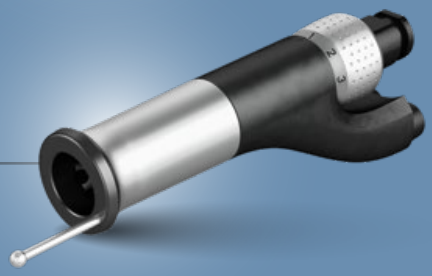
## FINELINER

1.5 mm Ø



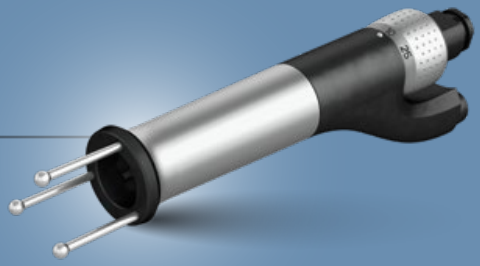
## VARIOSPOT

1 mm – 6 mm Ø



## MICROSPOT

13 x 13 mm²



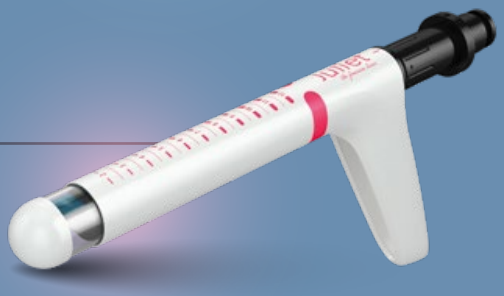
## DEEPSPOT

7 x 7 mm²



## STERI-SPOT

9 x 9 mm²



## ROMEO

5 x 5 mm²



# OPERATION
## MADE EASY

The 10.1-inch widescreen display allows intuitive operation of the Dermablate®. Users can select between the menu for treatments and settings. Beginners can choose the desired treatment, and the device then gives the recommended settings. Experts can go directly to the working menu and configure the parameters themselves.



- Modern 10.1" LCD with touchscreen
- Intuitive menu for beginners and experts
- Multiple adjustable counters for the best overview
- Large buttons and symbols for a clear visualisation
- Dark background for stronger contrast and even more brilliant colours
- Clear accentuation of active elements
  with changes in colour and size



# OPTIMAL WORKFLOW

## HIGHEST EFFICIENCY CLASS

### SMOKE EVACUATOR

The integrated smoke evacuator of the Dermablate® enables the most efficient treatment possible. Extraction in the immediate vicinity of the treatment area considerably simplifies the work process. Setting the smoke evacuation with the help of the rotating bezel above the display also makes handling particularly easy and uncomplicated for the user. The double hose system also ensures both particularly effective and quiet extraction. As hygiene is essential, in developing the integrated smoke extractor Asclepion put special priority on ensuring effective cleaning of the system. The filters are easy and quick to change.

- Integrated, powerful, adjustable
- Easy handling
- Extraction right beside the treatment area
- Low noise level thanks to activation via foot switch




### HANDPIECE PORT

The Dermablate® handpiece port makes the workflow even easier for users. The hoses can be connected directly to the multifunctional handpiece port, and all handpieces are also automatically recognised – ensuring a quick and easy workflow for everyday use in medical practices.

- Easy changing of handpiece
- Automatic handpiece detection
- Connection for the suction hoses
- Bend connection for handpiece cable
- Electrical insulation of the handpiece



# ASCLEPION

## COMPETENCE, EXPERIENCE, SUCCESS

**For more than 45 years**, Asclepion Laser Technologies has been a leader in international medical laser technology, producing advanced laser systems for dermatology, aesthetic medicine and surgery. The company headquarters are in the Jena Optical Valley, which is world-renowned as the home of the German optical industry. Here the company continually invests in the research and development of new technologies. Today, customers **in more than 70 countries** trust the Made in Germany technology and the scientific expertise of Asclepion.

**The new Dermablate®, successor to the proven MCL31 Dermablate, can look back on a history of unrivalled success achieved around the world. This is a testament to its effectiveness, safety and quality.**




Our understanding of top quality also encompasses a customer-driven philosophy. That's why we strive do our best every day, so that we can continue to offer not only the best technology but also the entire spectrum of services: 360° support for you.

### TRAINING & EDUCATION

Asclepion ACADEMY

Both regional and international training courses are constantly being held at our training centre in Jena, Germany. These provide our customers with all the knowledge they need to use our laser devices safely and effectively.

For more information, visit:
**www.asclepion.com/academy**

### MARKETING & WEBCLUB



Asclepion's WEBCLUB has a diverse range of marketing tools available. We created our online platform specifically for our customers in order to provide them with direct access to news and important documents for the success of their company.

For more information, visit:
**www.asclepion.com/webclub**

### TECHNICAL SERVICE



Our highly specialised technical support team, which operates both on-site and via a network of local distributors, assists our customers along the entire journey, from installation to support in the event of product defects, to the delivery of replacement parts.

For more information, visit:
**www.asclepion.com/service**

Asclepion
Laser Technologies

# TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Laser | Er:YAG, class 4 |
| Wavelength | 2.940 nm |
| Energy | Max. 3 J |
| Fluence | Max. 250 J/cm² |
| Pulse duration | 100 µs – 1500 µs |
| Frequency | Max. 20 Hz |
| Display | 10,1" LCD with touchscreen |
| Dimensions | 40 x 90 x 95 cm³ (W x D x H) |
| Weight | ca. 115 kg |

| | | |
|---|---|---|
| Spot size | Fineliner | 1.5 mm Ø |
| | VarioSpot | 1 – 6 mm Ø |
| | MicroSpot | 13 x 13 mm² |
| | DeepSpot | 7 x 7 mm² |
| | Steri-Spot | 9 x 9 mm² |
| | Romeo | 5 x 5 mm² |
| Modes | Fineliner | Ablation, THERM |
| | VarioSpot | Ablation, THERM |
| | MicroSpot | Cold, Normal, Expert, Warm, Hot |
| | DeepSpot | Cold, Warm, Deep |
| | Steri-Spot | Juliet C, Juliet W |
| | Romeo | Romeo |

(Specifications are subject to change without notice)

www.asclepion.com

ALWAYS THE LATEST PRODUCT INFORMATION

DEVICE CERTIFIED ACCORDING TO MEDICAL DEVICE DIRECTIVE 93/42/EEC

MADE IN GERMANY

THIS BROCHURE IS NOT INTENDED FOR U.S. MARKET



**DANGER**
**VISIBLE & INVISIBLE LASER RADIATION**
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION
CLASS 4 LASER
classified according to EN 60825-1: 2014

DB 001 1224 EN