

# MCL31 Dermablade

THE WORLD'S MOST SUCCESSFUL  
ERBIUM:YAG LASER FOR  
AESTHETIC MEDICINE



  
**Asclepion**  
Laser Technologies



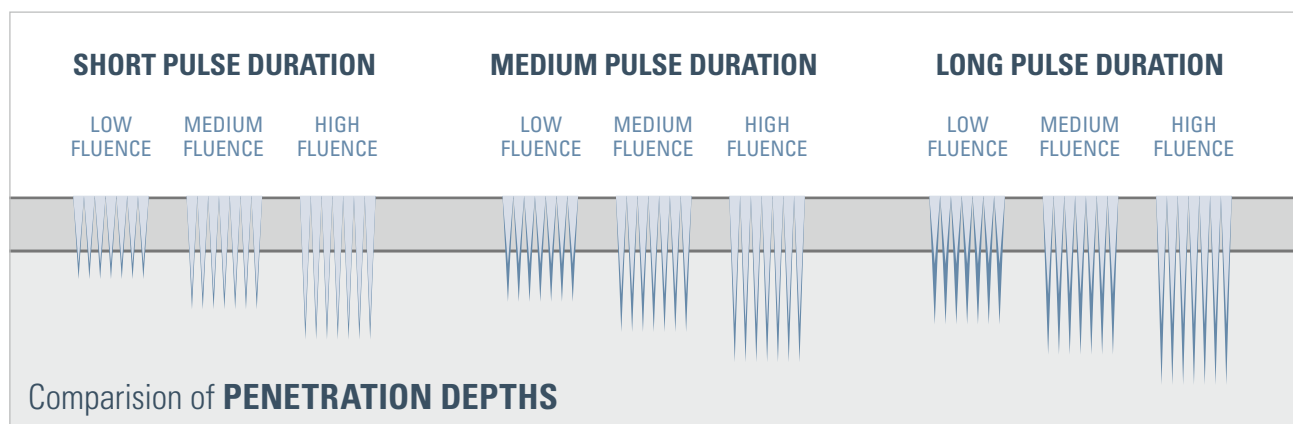
effective   
**POWERFUL**  
**S A F E**

## TREATMENT OF DERMAL AND EPIDERMAL LESIONS

The MCL31 Dermablate allows for performing ablations on the skin with a degree of precision that can be measured in microns. This makes it possible to remove a wide variety of dermal and epidermal skin lesions in a completely safe and gentle manner. The adjustable pulse length facilitates coagulation and the thermal mode mitigates bleeding. The Dermablate does not require anaesthesia for the treatment of small lesions. Local anaesthesia suffices for smoothing out deep wrinkles which Dermablate can do very effectively.

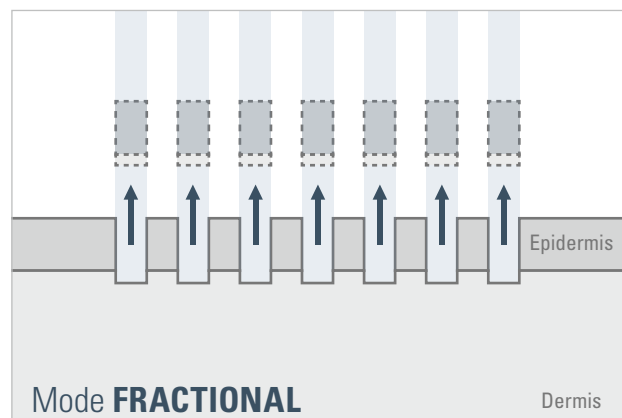
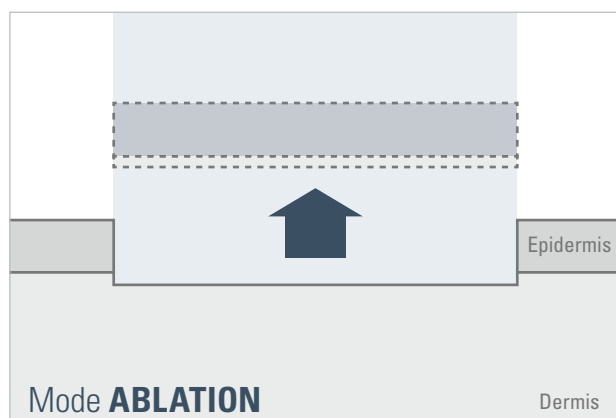
## SCAR TREATMENT

Trauma, acne or diseases like chicken pox often leave permanent unsightly scars that cause discomfort. It only takes Dermablate a few minutes to restore smoothness to the skin and to offer patients a sense of wellbeing again.



## FRACTIONAL & FULL SKIN RESURFACING

The MCL31 Dermablate offers two options for treating wrinkles and unevenness, particularly in the face: full skin resurfacing, with results proven by longstanding experience, can be performed in the ablation mode. Fractional laser therapy can be realised with the MicroSpot handpiece, whereby only fractions of the skin's full surface are treated. As this mode does not require anaesthesia, patients are able to continue with their everyday routines after just a few days.



# ROMEO<sup>®</sup>

**ANTI-SNORING TREATMENT**

The fast, gentle and minimally invasive anti-snoring treatment.  
Give your patients and their partners renewed quality of life!

The Romeo<sup>®</sup> treatment strengthens the structure of the soft palate and the uvula. The result is achieved using fractional laser therapy, which causes microscopic damage to the mucosal membrane. As a result, the soft palate is tightened and stabilised during breathing. More than 50% of patients and their partners report extraordinary reduction in snoring.



ROMEO TREATMENT

# Juliet<sup>®</sup>

*the feminine laser*

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

Juliet<sup>®</sup> is a minimally invasive treatment to stimulate the production of new collagen and elastin as well as enhanced vaginal vascularisation. This leads to a reduction of symptoms such as itching, irritation, pain during intercourse and unwanted urine discharge; symptoms that begin to be alleviated from the very first treatment.



**JULIET TREATMENT**



Adjustable smoke evacuation



Changeable smoke evacuation filters



TuneSwitch footswitch to adjust fluence

# MCL31 Dermablade

LONG  
ARTICULATED  
MIRROR ARM

ADJUSTABLE  
PULSE LENGTH

NUMEROUS  
TREATMENT  
OPTIONS

PLACE FOR  
ACCESSORIES

INTEGRATED  
SMOKE  
EVACUATION

HIGH POWER  
AND SPEED



# TREATMENT OPTIONS

## INNOVATIONS FOR YOUR MEDICAL PRACTICE

The MCL31 Dermablade has a modern design and is equipped with latest laser technology. The system can be used in a wide variety of specialist areas:

### DERMATOLOGY

- Dermal nevi • Epidermal nevi • Café-au-lait spots • Becker nevi keratoses • Nevi spili
- Xanthelasmens • Syringoma • Adenoma Sebaceum • Milia Palpebrarum • Lentiginens
- Skin resurfacing • Periorbital wrinkles • Perioral wrinkles • Acne scars
- Exophytic scars • Actinic keratoses • Seborrheic keratoses

### GYNECOLOGY

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

### ENT MEDICINE

- Snoring

### SURGERY

- Cutting

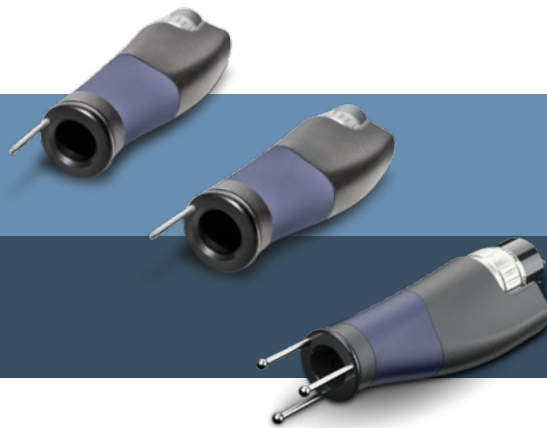




# HANDPIECES & UPGRADES

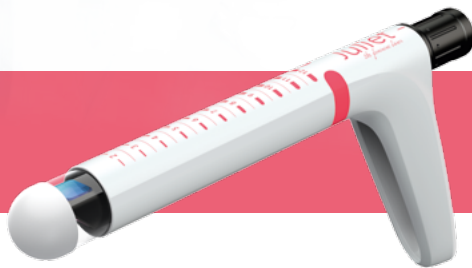
## THE LATEST ACCESSORIES

Special handpieces have been developed for  
MCL31 Dermablade's various applications:



**VarioTEAM (XL)**

**MicroSpot**



**Steri-Spot**



**Romeo**



**CUT**



# SIX TREATMENT MODES

For different applications and unique flexibility

**ABLATION**

for a complete ablation of the skin

**THERM**

for quick haemostasis

**MICROSPOT**

for fractional thermolysis

**GYN**

for intravaginal treatments

**ENT**

for the treatment of snoring

**CUT**

for surgical applications

# ASCLEPION

## COMPETENCE, EXPERIENCE, RESULTS

**For more than 40 years**, Asclepion Laser Technologies has been a leader in international medical laser technology, manufacturing advanced laser systems for dermatology, aesthetic medicine and surgery. The company headquarters are located in the Jena Optical Valley, which is famous throughout the world as the home of the German optical industry. There, the company invests in the research and development of new technologies on an ongoing basis. Today, customers **in more than 70 countries** rely on the «made in Germany» technology and scientific expertise of Asclepion.

**The MCL31 Dermablade, the sixth generation Er:YAG laser from Asclepion, enjoys unparalleled success around the world. This is proof of its effectiveness, safety and high quality.**

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

MORE THAN  
**5 000 000**  
successfully  
treated patients

For us, high quality also means being customer-oriented. That's why we work hard every day to ensure that we can offer you not only the best technology, but also a full range of services: 360° support for you.

### EDUCATION & TRAINING



Both regional and international training courses are regularly organised in our training centre in Jena. This helps us provide our customers with all the knowledge they need for the safe and effective use of our laser devices.

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

### MARKETING & WEBCLUB



A wide range of marketing tools is available on Asclepion's WEBCLUB. We have set up our online platform specifically for our customers to give them direct access to news and important documents for the success of their company.

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

### TECHNICAL SERVICE



Our highly specialised technical support, which we offer both directly and through a network of local distributors, accompanies our customers from installation and assistance in the event of a defect through to the delivery of spare parts.

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

# TECHNICAL SPECIFICATIONS

Laser	Er:YAG	class 4	Operating modes	ABLATION, THERM, MICROSPOT, GYN, ENT, CUT	
Wavelength	2,940 nm				
Energy	Max. 2.5 J		Handpieces/ Spot size	VarioTEAM	1 - 6 mm Ø (Vario)
Fluence	Max. 250 J/cm <sup>2</sup>				8 - 12 mm Ø (Vario XL*)
Pulse duration	100 - 1,000 µs				13 x 13 mm <sup>2</sup>
Frequency	1 - 20 Hz				MicroSpot* (with variable coverage from 10 % to 25 %)
Display	5.7" touch-responsive				Steri-Spot* 9 x 9 mm <sup>2</sup> (fractional)
Dimensions	36 x 60 x 93 cm <sup>3</sup> (W x D x H)				Romeo* 5 x 5 mm <sup>2</sup> (fractional)
Weight	approx. 75 kg				CUT* 0.5 mm Ø (focused)

Subject to technical changes

\* Optional

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

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**MADE IN GERMANY**

treatment laser	wavelength	2.94 µm
	energy	< 3 J
	pulse duration	< 1.5 ms
	laser class	4
pilot laser	wavelength	635 nm
	power	< 1 mW
	laser class	2
classified	acc. to	EN 60825-1: 2014

