

MCL 30 Dermablade.
Perfection through experience.

The best-selling – worldwide. MCL 30 Dermablade.



Left: Vario handpiece with automatic spot size detection
Right: Integrated evacuation system with patented TEAM technology

MCL 30 Dermablade – Experience for your success

The MCL 30 Dermablade is the logical continuation of the proven MCL 29 Dermablade, the best-selling Er:YAG laser worldwide. Even older lasers of this type are running untiringly and reliable – and that is what matters. Improved performance data, user-friendly equipment and a winning design are the key features of our new standard laser for dermatology.

The MCL 30 provides controlled skin ablation – accurate down to a micron. That way, a multitude of dermal and epidermal skin lesions can be removed safely and gently. For skin resurfacing, too, this laser is successfully usable. In addition, it features a thermal mode for haemostasis.

The workhorse – For daily use

The MCL 30 Dermablade is designed for continuous duty. With decreased load, cooling and ventilation are reduced automatically to the degree necessary; the noise level is minimal. As a matter of course, the laser is ready for operation within seconds after switch on.

Integrated smoke evacuation – Higher efficiency in your practice

The middle section of the laser contains a powerful smoke evacuation system controllable via a rotary knob. It switches on only when the foot switch is activated thus reducing the noise of evacuation to the absolute necessary time. The combined filter system (prefilter, carbon and main filter) is easily accessible and protecting you for many hours. An additional evacuation device is no longer needed. The smoke evacuation system is connected to the handpiece with the patented TEAM technology through an evacuation tube. The collection of all ablated particles in their natural direction of motion through the TEAM method (Total Evacuation of Ablated Material) is extremely effective making an additional assistance superfluous. This increases the profitability of your practice.

Now with auto energy mode – For unsurpassed comfort

With the use of the VarioSpot, the laser automatically detects the adjusted spot size. You only need to adjust the fluence and the MCL 30 Dermablade will automatically calculate the treatment energy. The fluence is the most reliable treatment parameter, as it is directly proportional to the amount of ablation (1 J/cm² ablates approximately 5 µm of tissue).

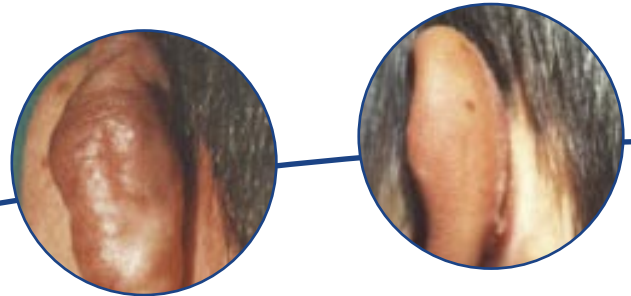
The MCL 30 Dermablade is the successful laser with the widest possible spectrum of applications for the professional user, but an ideal laser for the newcomer, too.

Clinical applications:

- Skin resurfacing
- Periorbital wrinkles
- Perioral wrinkles
- Acne scars
- Exophytic scars
- Lentigines
- Café-au-lait spots
- Becker naevi
- Naevi Spili
- Epidermal naevi
- Xanthelasma
- Syringomas
- Adenoma sebaceum
- Milia palpebrarum
- Actinic keratoses
- Seborrhoeic keratoses
- Morbus Favre-Racouchot

MCL 30 Dermablade.
The reliable and precise Er:YAG laser
for professional users





Before treatment

After treatment

(By courtesy of Shirin Sammini-Fard MD, Essen, Germany)

The MCL 30 Dermablade at a glance

Laser type	Er:YAG
Wavelength	2,940 nm
Pulse energy on skin	up to 1.5 J
Fluence on skin	1 – 100 J/cm ²
Frequency	1 – 20 Hz
User interface	Color touch screen
Handpiece	1 – 6 mm VarioSpot, TEAM technology
Smoke evacuation	Integrated, laser-synchronous
Pilot laser	635 nm, < 1 mW, adjustable intensity
Power requirements	230 VAC, 50/60 Hz, max. 16 A
Dimensions	36 x 97 x 65 cm (W x H x D)
Weight	85 kg
Laser Class	4

Specifications are subject to change without notice.

Features

- User-friendly
- Minimum noise pollution
- Ready for use within seconds
- Integrated smoke evacuation with TEAM technology (patented)
- Automatic spot detection and energy matching
- Thermal mode

Our mission

As a personal partner for professional users, we create systems of the highest quality and performance for gentle treatments in medical and cosmetic therapy.

Patents:
DE 197 10 676
US 6,162,218



FDA approved

Certified according to
DIN EN ISO 9001:2000,
DIN EN ISO 13485:2001
Medical Device Directive
93/42/EEC, Annex II

