

LEDA EPI

The Fastest Hair Removal
Laser System



- > LARGE SPOT SIZE FOR **FAST TREATMENTS**
- > FHR® **FRACTIONAL HAIR REMOVAL** TECHNOLOGY
- > **LOW FLUENCE MODE** - EVEN FOR DARKER SKIN TYPES

SPEED AND COMFORT

Large Spot Size for Fast Treatments

The diode laser system LEDA EPI sets new standards for high-speed hair removal. With its large rectangular spot size of up to 50 x 12 mm, LEDA EPI combines the following four advantages:

- > homogenous treatments,
- > extraordinary high work speed,
- > no unwanted overlap and
- > high penetration depth to easily reach even deeper lying hairs.



Different spot sizes available

FHR® Fractional Hair Removal for Sensitive Skin

The unique FHR® technology of LEDA EPI allows fast hair removal, even for patients with sensitive skin. Therefore the large spot size is divided into 2-4 smaller spots. Just select the comfort level each patient requires – with no compromise in fluence or pulse duration.



FHR® scan profile "High Comfort Mode" (original size)

Low Fluence Mode for Darker Skin

For safe and effective hair removal on darker skin, users can choose the LEDA EPI Low Fluence Mode. In Low Fluence Mode, a series of automatically controlled stacks of low energy pulses heat the hair follicles gradually, allowing for cooling of the surrounding tissue and thereby reducing the risk of unwanted side effects on darker skin.

Treatment of Fine Hairs

LEDA EPI offers short pulses with very high fluence to treat fine hairs as effectively as Alexandrite laser systems. Clinical trials have proven the long lasting effect of LEDA EPI on all types of hair. ^{1, 2}



Photographs: Courtesy of Prof. Dr. Uwe Paasch, Leipzig, Germany

Discover LEDA EPI at:
www.leda-system.com

Less than
10 MIN
for a back



YOUR ADVANTAGES AT A GLANCE

Fast and Comfortable

- > Large spot size
- > FHR® technology for sensitive skin
- > Low Fluence Mode for darker skin
- > Treatment of fine hairs

Cooling System

- > Cold air cooling or
- > Contact (water) cooling

Easy Handling

- > Guided input*
- > Simple and intuitive setting of all parameters
- > Easy-to-use color touch screen

Transportability

- > Desk Top System
- > Plug & Play
- > Transportation case

Flexibility

- > Additional smaller spot size for small areas
- > Choose either 808 nm for all skin types or 980 nm for predominantly darker skin types
- > Easy-to-change applicators

Modular Platform

- > High-power-LEDs for the treatment of periorbital wrinkles and rhytides
- > Further applications*: skin rejuvenation, wound healing, photodynamic therapy (PDT) and acne treatment
- > The LEDA platform is continuously enhanced with new applications

Users About the LEDA EPI Diode Laser System

"I'm quite **excited about the speed** of the LEDA for hair removal. It offers really short pulses for treating fine hairs. The FHR® Fractional Hair Removal technology is a very promising concept."

Dr. Maurice Adatto
Geneva, Switzerland

"Hair removal with the LEDA EPI **is as effective as with our Alexandrite laser**. What convinced me most was the LEDA EPI's simple handling and the high speed."

Dr. Sonja Grunewald
University Hospital Leipzig, Germany

"Most patients preferred the LEDA treatment against standard diode lasers as **it is not that painful and significantly shorter.**"

David Slouka M.D.
Charles University Plzen, Czech Republic

"Mainly I use the red LED screen for faster healing after ablative treatments with my Erbium:Yag laser. **The hair removal hand-piece is a good addition.**"

Dr. Christine Dierickx
Boom, Belgium

Traditional Diode Laser Systems vs. LEDA EPI with FHR®

Laser	Traditional Diode Lasers	LEDA EPI with FHR®
Wavelength	810 nm	808 or 980 nm
Clinical results	identical	identical
Fine hairs (short pulse)	no to medium	good
Operating costs	low to high	very low
Speed	low to high	very high
Transportable	easy to difficult	easy

*Not available in the U.S.

YOUR CHOICE OF DIFFERENT SKIN COOLING DEVICES

Air Cooling or Contact Cooling

Users can choose between different additional skin cooling systems to combine with LEDA EPI, e.g. cold air cooling or the small contact (water) cooling device. Both options require no additional assistance during the treatment.

For accessories like tables and tube holders please ask our sales representatives.



LED A EPI with cold air cooling



LED A EPI with contact cooling

Technical Specifications LED A EPI

Wavelength	808 nm	980 nm
Laser type	diode	diode
Spot size	50 x 12 mm/10 x 12 mm	50 x 12 mm/10 x 12 mm
Pulse duration (calculated)	6 - 60 msec	6 - 60 msec
Max. energy density	60 J/cm ²	60 J/cm ²
Skin cooling	optional cold air or contact cooling	optional cold air or contact cooling

Technical specifications are subject to change without notice. Intended use may differ from this brochure.

¹ Slouka D, Voltr J. *Efficacy and safety of a linear scanning 808 nm diode laser system for hair removal.*

² Bodendorf MO, Grunewald S, Preuss M, Simon JC, Paasch U. *Comparison between axillary hair removal with a continuously scanned Diode laser and a spot-to-spot scanned Alexandrite Laser (EpiCon-Study).*

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