

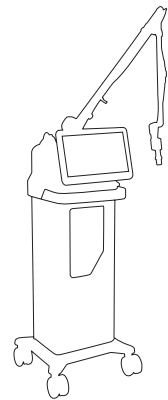


DU@Glide

The Successful Synergy to Get Max Performance in Dermatological Applications

The Revolutionary Dual Wavelength
Technology (CO₂+1540 nm)

DUOGlide stands out for: **Aesthetic Medicine**



DEKA
Innate Ability

DEKA
Innate Ability

DUOGLIDE Quick Wins:

Skin Photorejuvenation | Acne Scars
Facial Wrinkles Reduction | Periocular Lifting
Deep Scars | Dermatological Surgery

Key Principles

DUOglide, combines **two wavelengths (CO₂ 10600 nm and 1540 nm)** to maximize the efficacy in dermatological applications. Thanks to over 30 years of experience, DEKA has introduced a new system and series of more ergonomic and highly performing accessories.

The new DUOglide system exerts a single action on the tissue, effectively **stimulating collagen and minimizing downtime**. It is also perfectly suited to treatment of the most delicate areas like the neck, décolletage, and the area around the eyes.



Why Choosing DUOGLIDE

The Winning Synergy of Wavelengths

The combination of the 2 wavelengths exponentially amplifies the tissue stimulating action.

Total Control and Maximum Efficacy

The laser source with exclusive PSD technology and SMARTSTACK function achieve levels of efficacy and safety never attained before.

Multidisciplinarity and Flexibility

DUOglide has at its disposal a complete range of scanning systems that can broaden the range of applications possible with this technology.

DUOglide

DU@Glide

THE PERFECT MATCH

1540 nm: The Ideal Partner for a New Era of Laser Therapy with CO₂ Laser Systems

Continuous research to maximize the efficacy, comfort, and safety of the treatment for the patient has led to the selection of two wavelengths: One ablative (CO₂) and one thermal (1540 nm).

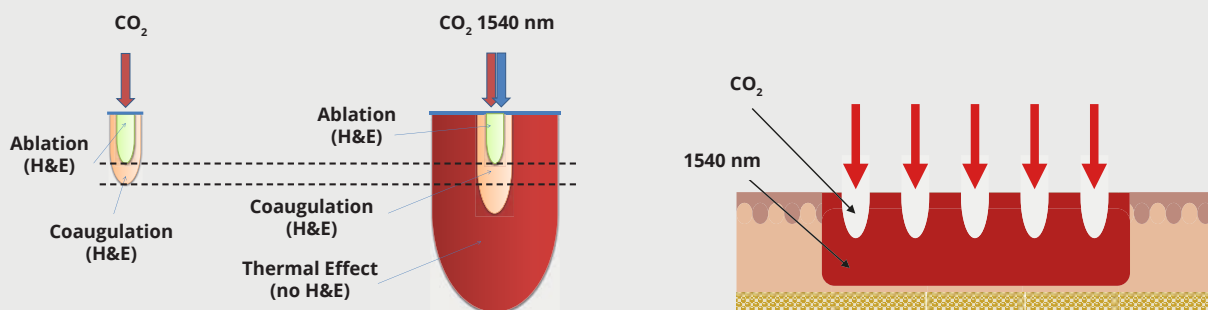
The second wavelength of 1540 nm available in the new miniaturized scanning systems was specifically developed to implement a synergy with the source CO₂ laser.

Thanks to the special sequential emission on the individual DOT, the effects of the two wavelengths are amplified synergistically, resulting in a reduced energy dosage but with the same efficacy, thus only a short downtime.

Deeper Thermal Action

The synergy of the two CO₂+1540 nm wavelengths also achieves heating, adjacent and non-coagulative of the entire scanning area, and reaches high dermal depth - not possible with only ablative sources.

The thermal effect reaches a depth level that maximizes tissue stimulation action and therefore obtains an even more effective treatment with reduced healing times.



THE PERFECT MATCH

CO₂+1540nm: Ideal Combination for Real Results

Special Attention to Healing Times

Thanks to the deep and even stimulation of the special emission, the synergy of the two wavelengths boosts cellular turnover for faster healing, a real boon for patient recovery.

Boosting of the Shrinkage Effect

The special sequential type emission achieved inside every individual DOT also synergically boosts the tissue shrinking effect to remodel and tone lax tissue.

Emission Flexibility

Based on the type of application you can modulate the most suitable emission sequence: CO₂ + 1540 nm to boost the shrinkage effect (i.e. wrinkles and laxity), or 1540 nm + CO₂ for greater thermal effect for tissue stimulation.



THE SCIENCE BEHIND

Maximum Efficacy, Precision and Total Control

PSD Technology

The PSD (Pulse Shape Design) technology makes it possible to choose among various impulse modalities to be able to manage selectively the vaporization depth and the thermal effect: S-Pulse, D-Pulse. H-Pulse, U-Pulse, CW. By varying the impulse modality on the on the area concerned you obtain different ablation and stimulation effects to meet the various clinical needs.



SmartPulse (SP)



DEKAPulse (DP)



HighPulse (HP)

SmartStack

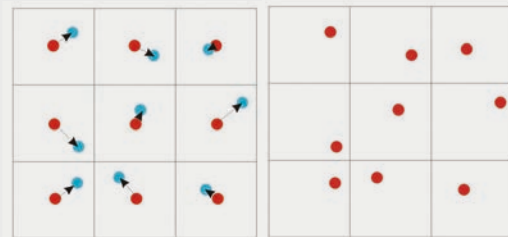
For real and precise vaporization depth control you can select from 5 SmartStack levels. As the SmartStack level increases a progressive increase of the shrinkage effect is obtained, making the treatment more effective and safe, thus reducing patient recovery time.



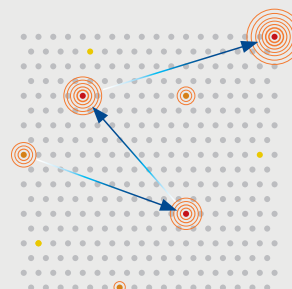
Smart Scanning Modality

Scattered Modality

Scattered Modality evenly scans inside the entire area and fades along the edges to prevent overlapping of DOTs to ensure greater evenness between the scanning area and the skin texture.



smart·TRACK



SmartTrack is the algorithm specially developed to optimize the scanning path to minimize local temperature increase.



THE SCIENCE BEHIND

Set up Complete with Scanning Systems

DUOglide has a range equipped with new scanning systems, optimized in shape, weight, easier connection and size to maximize handling.

μ-Scan DOT

Scanning system designed to ensure utmost ergonomics in fractionated or traditional resurfacing treatments (modifiable parameters: Size, stretching and scanning area shape).



μ-Scar 3

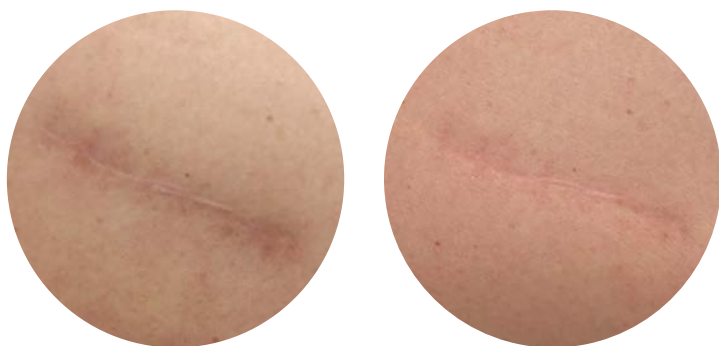
Scanning system designed for remodelling deep scars. Minimizes the risk of post-treatment hyper and hypopigmentation thanks to the smaller spot size that generates greater depth of the action with reduced energy.

Derma Scan

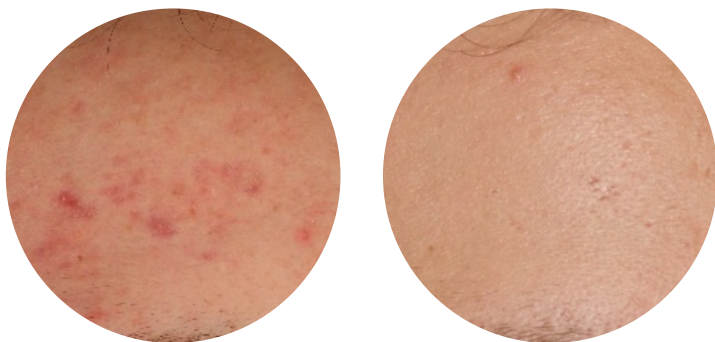
Scanning system paired with handpieces with 4" and 7" focus designed for fast and tridimensional ablations.



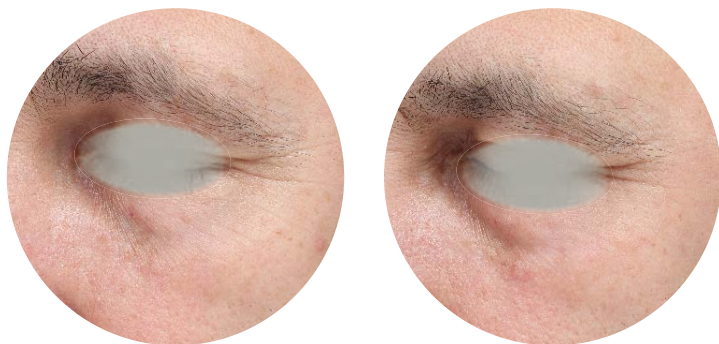
Clinical Results



Courtesy of
G. Scarcella, M.D., Verona , Italy



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G. Scarcella, M.D., Verona , Italy



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G. Scarcella, M.D., Verona , Italy



The Floor to Practitioners

“ I have been using CO₂ laser systems since the mid 1990s when, while still a student, I was fascinated by this source and I have been constantly following its evolution ever since. The application versatility of these devices, with pulse modularity and controlled scanning, are today enhanced by a new action mechanism in which the 1540 nm wavelength increases the deep and homogenous thermal stimulation. The synergy of the two wavelengths, one with an ablative component and the other thermal, fosters cellular turnover with minimum downtime.

Prof. Paolo Bonan, MD- Dermatologist
*ESLD Key Officer, EADV Laser Task Force,
Adjunct Professor of Laser at Plastic Surgery University of Siena
In Charge of Laser Cutaneous Cosmetic & Plastic Surgery Unit
Villa Donatello Clinic, Florence (Italy)*

THE PERFECT MATCH

DUOglide Strength

- Maximum efficacy thanks to the **specially sequential emission** of the double wavelength.
- **Reduced downtime.**
- **Uncompromising versatility.**
- Exclusive advanced technology solutions (**PSD and SmartStack**) to maximize results
- Extreme flexibility of parameter settings
- Maximum **control and precision** of use.
- Wide use of applications thanks to **complete range of miniaturized scanning systems microscanners set up.**
- **Multi-decade experience in** CO₂ laser production



Only for DEKA Users:

A great support in medical practice

DEKA *Club*

Intuitive GUI (15.6" rolling touch screen display)

PSD Technology

Miniaturized scanning systems

SmartTrack

Multimedia database

Teleassistance

RF CO₂ laser source



Technical Specifications

DUOglide- Suggested configuration in Dermatology and Aesthetic Medicine

CO₂ laser	
Laser Type	CO ₂ RF - PSD®
Wavelength	10.6 μm
Laser emission mode	TEM ₀₀
Emission modes	CW - SP - DP - HP - UP
CW power	From 0.5 to 60 W
SP power	From 0.5 to 60 W
DP power	From 0.5 to 60 W
HP power	From 0.5 to 50 W
UP power	From 0.5 to 60 W
IR laser	
Wavelength	1540 nm
Laser emission mode	Circular multimode
Potenza	Power
General features	
Internal database	More than 100 factory stored protocols, upgradeable with USB. Possibility for the user to store a number unlimited custom protocols
Control panel	Color LCD Touch Screen
Accessories	μ-Scan Dot, μ-Scar3, Dermascan, wide range of handpieces
Dimensions and weight	137 (A) x 42 (L) x 54 (P) cm - 70 kg

DANGER - Visible and invisible laser radiation. Avoid eye or skin exposure to direct or scattered radiation. Class 4 laser product.

This brochure is not intended for the US market.

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Dealer stamp

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DEKA Innate Ability

A spin-off of the El.En. Group, DEKA is a world-class leader in the design and manufacture of lasers and light sources for applications in the medical field. DEKA markets its devices in more than 80 countries throughout an extensive network of international distributors as well as direct offices in Italy, France, Japan and the USA. Excellence is the hallmark of DEKA's experience and recognition garnered in the sphere of R&D in over thirty years of activity. Quality, innovation and technological excellence place DEKA and its products in a unique and distinguished position in the global arena. DEKA manufactures laser devices in compliance with the specifications of Directive 93/42/EEC and its quality assurance system is in accordance with the ISO 9001 and ISO 13485 standards.