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Фракционный лазер CO2 DUOglide



Applications

- ● ● ● Skin Surgery
- ● ● ● Anti-Aging & Wrinkles

Sources

CO₂ - 10600nm
IR Laser - 1540nm

DUOglide

Especially Recommended for

Skin Photorejuvenation, Acne Scars, Facial Wrinkles

Reduction, Periocular Lifting Deep Scars,

Dermatological Surgery

The Successful Synergy to Get Max Performance in Dermatological Applications

DUOglide combines two wavelengths (CO₂ + 1540nm) to maximize efficacy in dermatological applications.

The Keys to Success:

①

The Winning Synergy of Wavelengths.

The combination of the 2 wavelengths exponentially amplifies the tissue stimulation.

②

Total Control and Maximum Efficacy.

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

③

Multidisciplinarity and Flexibility.

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

④

Perfect Match Between Downtime and Results.

Possibility to minimize side effects and downtime by choosing the right pulse, the right scanning mode and the SmartStack function.

⑤

Maximum Reliability.

Minimum thermal damage and extremely rapid recovery time.



Trust in Expertise.

DEKA is a pioneer in CO₂ lasers. DUOGLide is a result of decades-long experience.



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

The 1540nm wavelength was specifically developed to implement a synergy with the 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.

DUOGLide Guarantees Maximum Flexibility

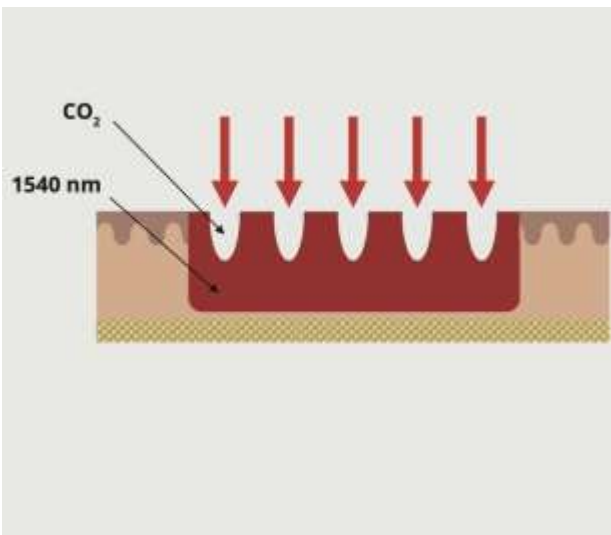
The advanced technology and the complete range of scanning systems, make this device effective in many treatments and in many areas, even

the most delicate like neck, the décolletage and the area around the eyes. This flexibility is especially useful in more complex treatments such as scars, cutaneous pigmentation, deep rhytids, and in the darkest skin phototypes.



Deeper Thermal Action

The synergy of the two CO_2 +1540nm wavelengths also achieve heating, adjacent and non-coagulative of the entire scanning area, and reaches high dermal depth. The tissue stimulation is maximized and healing times are reduced.



Complete Range of Miniaturized 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.

Tailored Treatment with PSD® Technology

The core of DUOglide laser is an RF CO₂ source empowered by PSD® technology that can produce fractional laser pulses with variable pulse shapes, duration, energy and peak powers.

3 different pulse shapes can be selected:



SmartPulse (SP)



DEKAPulse (DP)

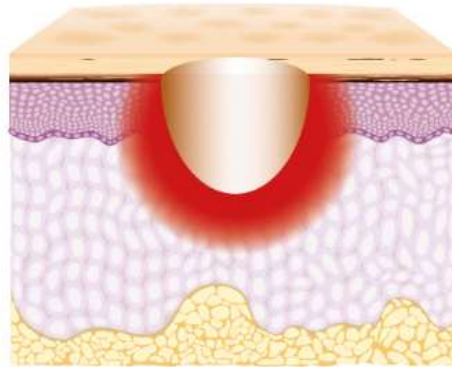


HighPulse (HP)

Thanks to PSD® technology the modulation of ablation and thermal denaturation is ideal for every patient's need and treatment.

Thermal Effect: Following ablation (si usa questa forma senza articolo), the CO₂ laser energy is transformed into heat propagating deep down in the derma and producing an immediate "shrinkage" of the tissues with a stimulation of new collagen production.

Ablation: The high-peak power delivered in the first part of the pulse releases a great amount of energy very rapidly, and causes immediate ablation of the epidermis and the topmost skin layers.



SmartStack 2

SmartStack Function

Thanks to the **SmartStack Function**, it is possible to emit a number of subsequent pulses in the same place (DOT) ranging from 1 to 5. The SmartStack function makes DUOGlide one of the safest and most effective systems in the market.

Maximum advantages:

- Perfect control of thermal effect: Between one pulse and the next the tissue cools down, thus reducing thermal damage and the risk of undesirable side effects.
- Precise vaporization depth control: Preventing heavy bleeding, resulting in rapid recovery time and enhanced patient comfort.

Top Related Applications



Skin Surgery



Anti-Aging & Wrinkles

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