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Фракционный лазер CO2 SmartXide Touch DOT/RF



Applications

- ● ● ● Scars
- ● ● ● Skin Surgery
- ● ● ● Anti-Aging & Wrinkles
- ● ● ● Laser-Assisted Hair Transplantation
- ● ● ● Pigmented Lesions
- ● ● ● Skin Tightening

Sources

CO₂ - 10600nm
Radio Frequency

SmartXide Touch DOT/RF

CO₂ Laser with Radiofrequency (RF) and CO₂ Scanner with
Bipolar Radiofrequency

Especially designed for Aesthetic Medicine,
Dermatological Surgery, MonaLisa Touch® treatment and
laser-assisted hair transplantation

Key to Strength in Aesthetic Medicine and Dermatological surgery:

①

Gold standard for *wrinkles* and *Skin flabbiness*

②

Maximum flexibility for any treatment area and skin type

③

Top safety for sensible areas like **neck**, **cleavage** and **periocular**

④

RF CO₂ source empowered by PSD® (Pulse Shape Design) technology:

- Minimum thermal damage
- Minimum invasiveness
- Faster recovery time

⑤

A unique scanner for the new treatment of Laser-Assisted Hair Transplantation that grants faster treatments for better results.



SmartXide Touch with HiScan DOT/RF

HiScan DOT/RF combines the advantage of microablative laser treatment with RF energy. Thanks to this scanner tailored treatments to each patients' needs are possible, since it guarantees maximum flexibility.

Customizable operational parameters:

- **Pulse shape**, power and dwell time
- Scan shape and size Distance between DOTs
- **Bipolar Radiofrequency**
- **SmartStack**

This flexibility is especially useful in more complex treatments such as scars, cutaneous pigmentation, deep rhytids, and in the darkest skin phototypes. SmartXide Touch DOT/RF minimizes the risk of PIH (Postinflammatory Hyperpigmentation).



Scar 3

The Assisted Scanner Solution for Scars

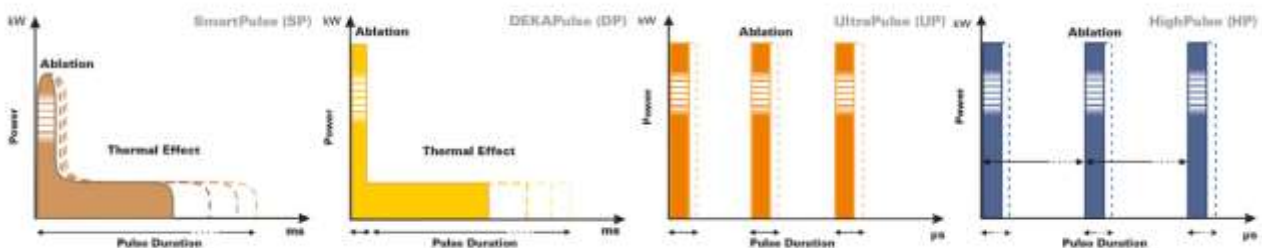
Scanning system designed for remodelling deep scars. It minimizes the risk of post-treatment hyper and hypopigmentation thanks to the smaller spot size that generates greater depth of the action with reduced energy.



SmartXide Touch DOT/RF Advanced Laser Source

The core of **Smartxide Touch** 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.

4 different pulse shapes can be selected:



These pulses can **either** modulate the ablation and the coagulation (thermal effect) in order to adapt any emission to specific treatments in **both** different fields (dermatology, gynecology and surgery) and skin type.

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.

Thermal Effect: Following the ablation, the CO₂ laser energy is transformed into heat which propagates deep down in the **dermis**, producing an immediate “**shrinkage**” of the tissues and **stimulating new collagen production**.

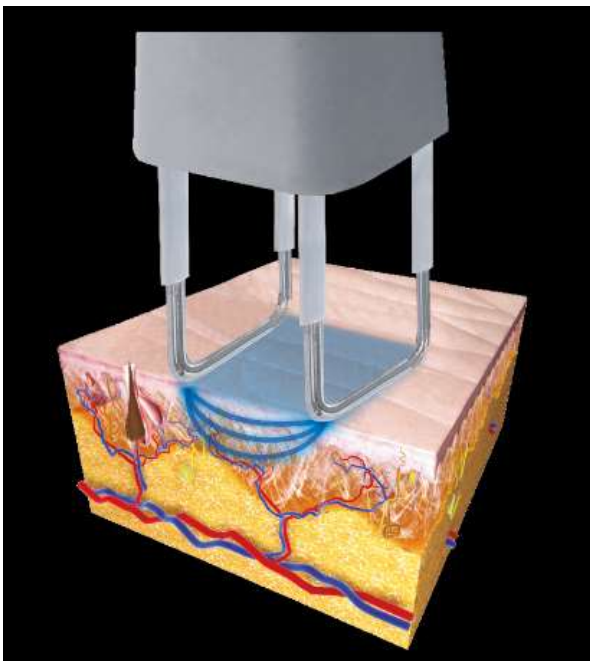
Bipolar Radiofrequency

The special spacers emit **bipolar RF** to generate selective heating with a deep and localized action on the skin.

Radiofrequency enhances the effects of CO₂ laser treatment by:

- ***Remodeling tissue in-depth***
- ***Toning flabbiness***
- ***Stimulating fibroblastic activity to produce new collagen***
- This results in ***quicker recovery time and acceleration of dermal tissues healing***

Radiofrequency power emission can be regulated from 0 to 50 W.



SmartStack Function

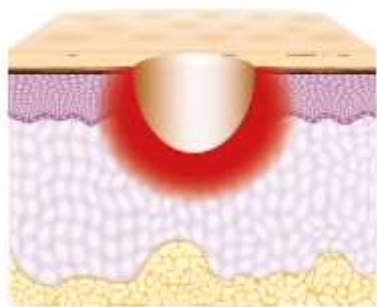
Thanks to the **SmartStack Function**, it is possible to perform a number of subsequent pulses in the same area (DOT) ranging from 1 to 5.

Great advantages for operators:

Perfect control of thermal effect. Between one pulse and the following the tissue cools down, thus reducing thermal damage and the risk of undesirable side effects.

Precise control of the vaporization depth. Preventing heavy bleeding, resulting in rapid recovery time and enhanced patient comfort.

SmartStack function makes SmartXide TouchDOT/RF one of safest and most effective system on the market.



New Scanning System for Laser-Assisted Hair Transplantation Procedures

Tricoscan™ is the CO₂ fractional laser scanning system designed to prepare the skin for follicular transplant and assist the trichologist in this delicate and long procedure.

Laser-Assisted Hair Transplantation using Tricoscan™ brings undeniable advantages compared to the traditional technique:

- Procedure time reduced by 30%
- Facilitated bulb insertion
- Reduced needle deterioration
- Limited distortion of the scalp's surface during follicular transplant

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