



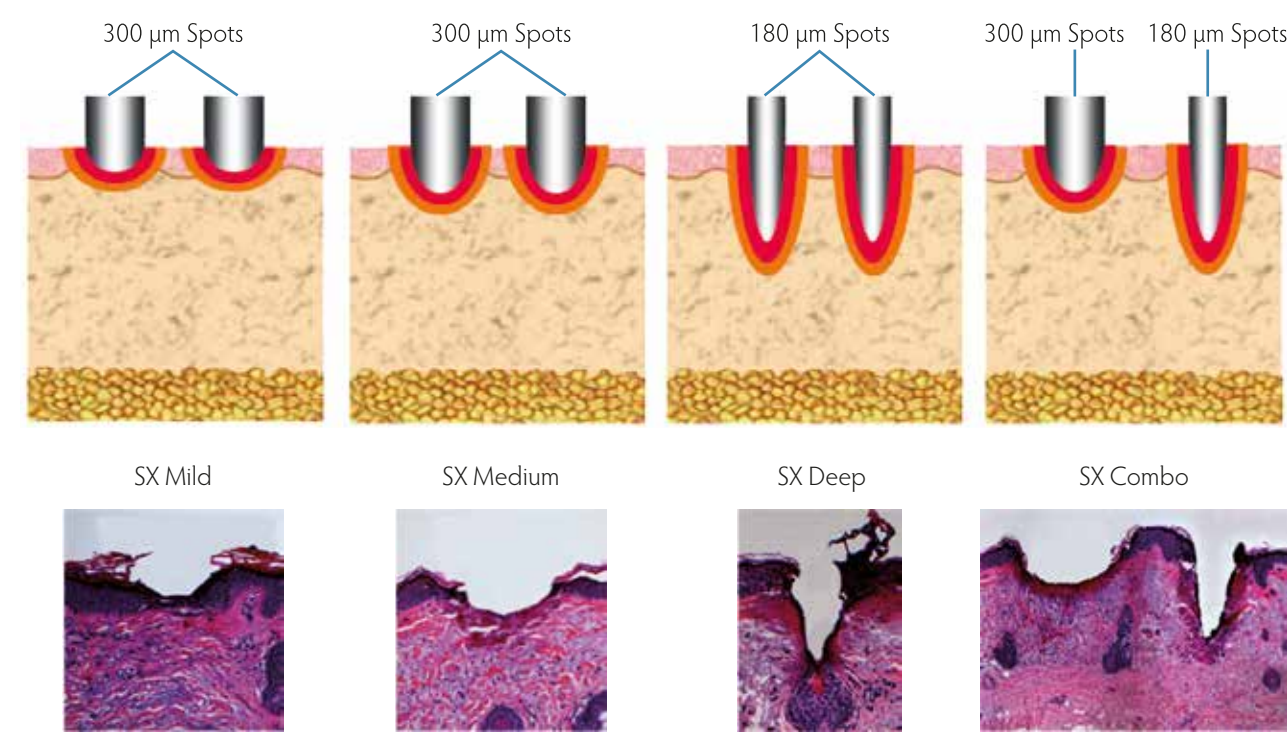
Courtesy of Kenneth Oleszek, MD
Best "Non-Surgical Facial Rejuvenation
Enhancement" Winner THE Aesthetic
Show 2011



Courtesy of Mark Kofford, MD / PhD

DUAL SPOT SIZE TECHNOLOGY

Whether you're treating mild dyschromia, deep wrinkles or acne scarring the MiXto Pro laser has the right spot size for optimal results.



SYSTEM SPECIFICATIONS



Laser type	CO ₂ Laser
Wavelength	10,600 nm
Laser Operating Modes	Continuous Wave (CW), Pulsed, SuperPulse
CW Power	0.5 - 30 W at tissue
SuperPulse Average Power	0.5 - 12 W at tissue
Pulsed Average Power	5 - 25 W at tissue
Tissue Exposure Modes	Continuous, Single Pulse, Repeat Pulse
Aiming Beam	Red diode Laser, 635 nm
Articulated Arm	Lightweight, aluminium fiber, 7-joint spring balanced
User Interface	8" Color TFT with Touch-screen technology
Memory Settings	> 1000
Electrical Requirements	230 Vac, 660 VA (Max), 50/60 Hz (Optional 115 Vac 50/60 Hz)
Dimensions	37 cm W x 43 cm D x 123 cm H
Weight	40 Kg



Fractional Resurfacing "SX"	
Spot size	180 µm, 300 µm (automatic recognition)
Laser beam Energy	Variable: 1 – 480 mJ per Spot
Pulse Width	From 2.5 msec (Index 8) to 16 msec (Index 1)
Fractional Coverage settings	Variable: 5 – 40% Using "Z" Algorithm scan pattern
Scan Area	300 µm Spot: 6x6 to 20x20 mm 180 µm Spot: 5x5 to 12x12 mm
100% Resurfacing "T" (Total Coverage)	
Spot size	180 µm, 300 µm (automatic recognition)
Laser beam Energy	Variable from 1 – 24 mJ
Scan Pattern Shapes	Beam, Thin line, Line, Rectangle, Square, Triangle, Circle, Donut
Dwell Time (Pulse width) settings	100 to 800 µs
Scan Area	300 µm Spot: 6x6 to 20x20 mm 180 µm Spot: 5x5 to 12x12 mm

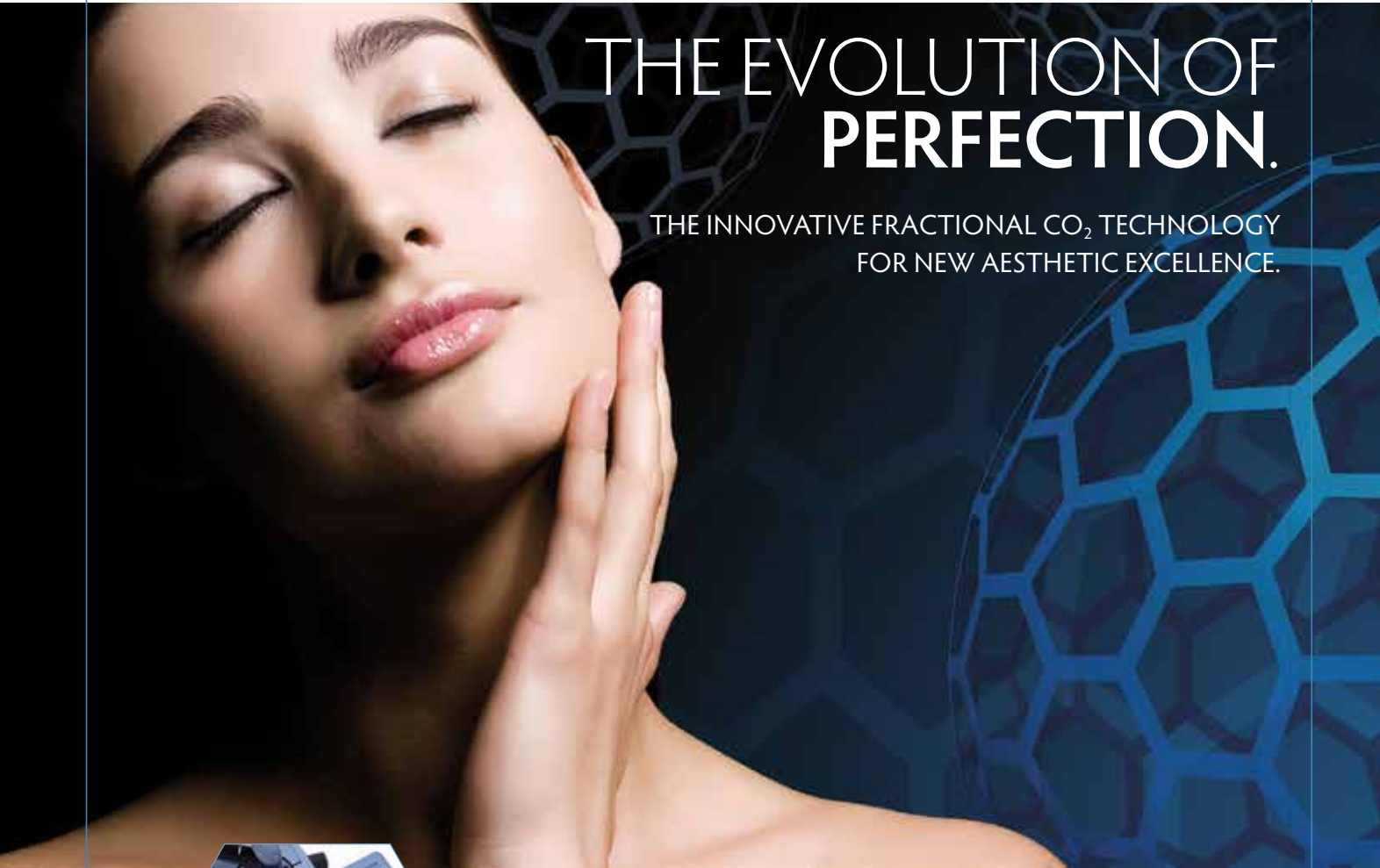


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IT3619002



enhanced by **MiXto Pro**



UNIQUE STATE OF THE ART CO₂ FRACTIONAL TECHNOLOGY

Slim Evolution II CO₂ laser system enhanced with MiXto Pro scanner technology is the most fully-developed platform available on the market for skin resurfacing, wrinkle and scar reduction. Lasering was the first company in the world to apply the fractional concept to a CO₂ laser system with microspots non-sequentially distributed over the tissue following a "Z" algorithm based scan pattern. MiXto Pro is a unique patented system that functions using CHOPPED CW emission guaranteeing uniform energy distribution across tissue delivering greater heat to the dermis over traditional short pulsed CO₂ laser systems. MiXto Pro allows the operator to work in the widest operating range that varies from soft ablation (toning/tightening) to hard ablation (conventional skin resurfacing) going through countless intermediate steps so that all the patient's needs and expectations can be satisfied. Slim Evolution II is a very versatile system with a complete range of accessories for use in numerous fields of surgery.

ADVANTAGES

- Best compromise between quality of result and length of downtime
- Greater collagen stimulation
- Shorter treatment time
- Lowest risk of side effects
- Maximum patient comfort during treatment
- Simplified post-care

SLIM II EVOLUTION II

USER – FRIENDLY

- Touch screen interface for ultimate ease of use
- Clear graphics with important parameters continuously visible
- Storage of personalized treatment settings
- Built with the future in mind being upgradable in stages

INTEGRATED SAFETY CONTROL

- Sophisticated low tolerance control systems guaranteeing high precision in the energy value delivered to tissue
- Automatic spot-size recognition guaranteeing correct parameter settings
- Advanced error monitoring ensuring ultimate operator and patient safety
- Ergonomic wheel base designed for high stability and ease of movement

SUPERIOR RESULTS



- Over four years' experience using Chopped CW Micro-Fractional technology producing dramatic results with 100% customer satisfaction
- More heat with Chopped CW over short pulsed CO₂ technology
- The "Z" algorithm scan pattern lowers risk of side effects while maximizing patient comfort
- One handpiece with two different spot sizes (No consumables).



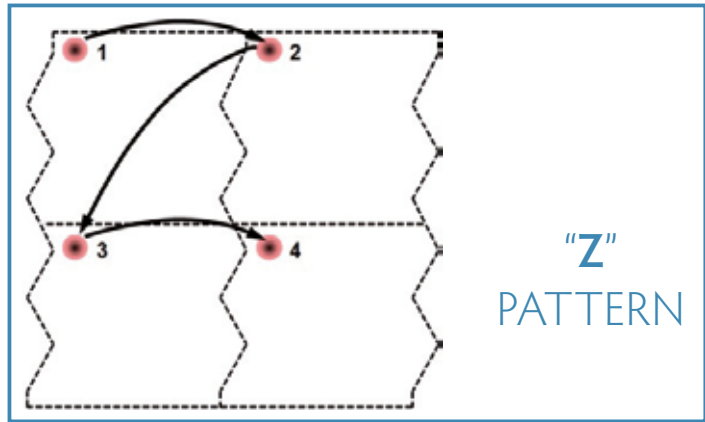
ADVANTAGE OF "CW CHOPPED" TECHNOLOGY

PROPRIETARY ALGORITHM

The **MiXto Pro** utilizes a proprietary algorithm producing a unique "Z" scan pattern which provides the longest amount of time possible between adjacent spots while filling in a given square area of skin.

The is patented pattern allows maximum intra-operative cooling of surrounding tissue lowering risk of side effects while maximizing patient comfort.

The **MiXto Pro** is thus able to deposit more heat into tissue than competing technology yet allow practitioners to safely treat all skin types I – VI.



WHY YOU WANT MORE HEAT!

- 1. Dryer procedure (less bleeding):**

 - Lower risk of infection
 - Improved visual field
 - Better seal off nerve endings reducing post-op pain
 - Increased coagulation of small lymphatic vessels reducing post-op edema
 - Less patient anxiety after treatment
 - Simplified post-care
- 2. Improved cosmetic result / short term & long term:**

 - More collagen production
 - Greater skin tightening
 - Higher scar reduction

When using similar parameters the **"CW chopped"** technology will produce slightly less ablation than short pulse CO₂ (Superpulse and UltraPulse) but more residual thermal damage (RTD) with an added thin layer of coag. It's this thin layer of highly coagulated tissue that produces a dry procedure

- Short Pulse**
Largely confines heat to target area creating maximum **ablation**.
- Long Pulse**
Better conducts **heat** away from target area creating larger zone of **thermal effect**.