



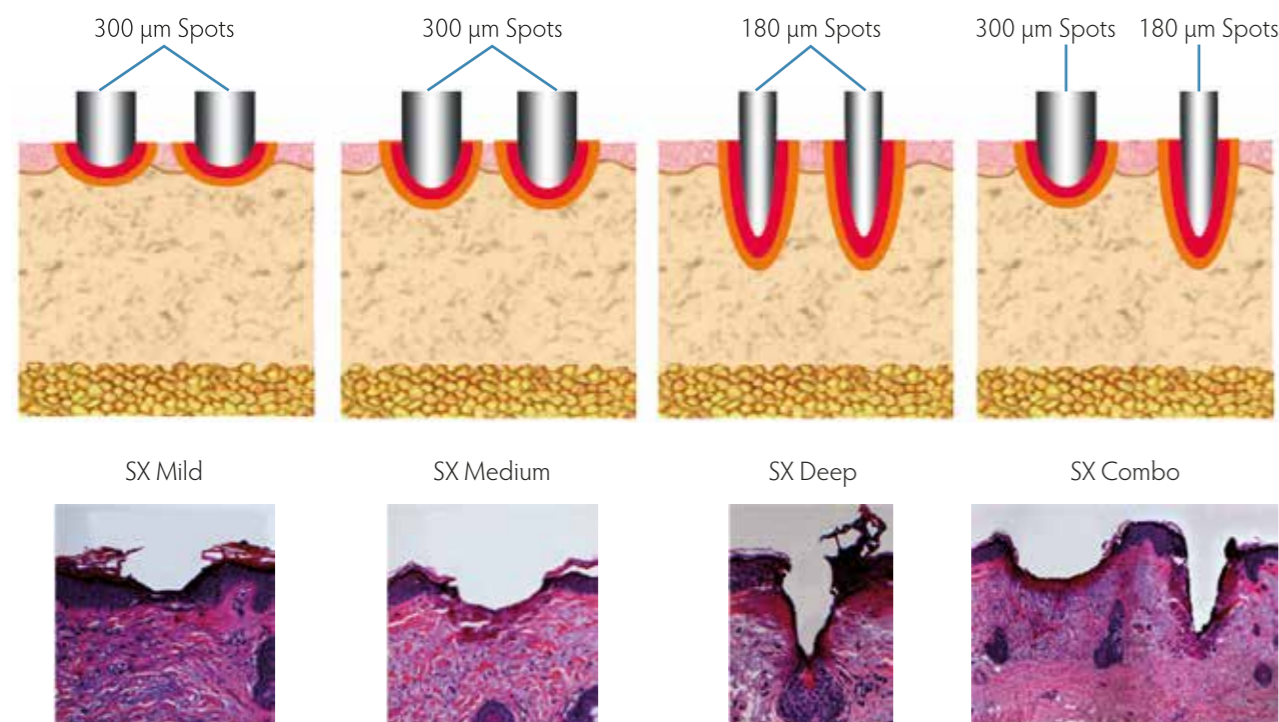
Courtesy of Kenneth Oleszek, MD  
Best "Non-Surgical Facial Rejuvenation Enhancement" Winner THE Aesthetic Show 2011



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 <sub>2</sub> 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



**SLIM II**  
EVOLUTION II

enhanced by **MiXto Pro**



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## UNIQUE STATE OF THE ART CO<sub>2</sub> FRACTIONAL TECHNOLOGY

Slim Evolution II CO<sub>2</sub> 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 CO<sub>2</sub> 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 CO<sub>2</sub> 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 CO<sub>2</sub> technology
- The "Z" algorithm scan pattern lowers risk of side effects while maximizing patient comfort
- One handpiece with two different spot sizes (No consumables).



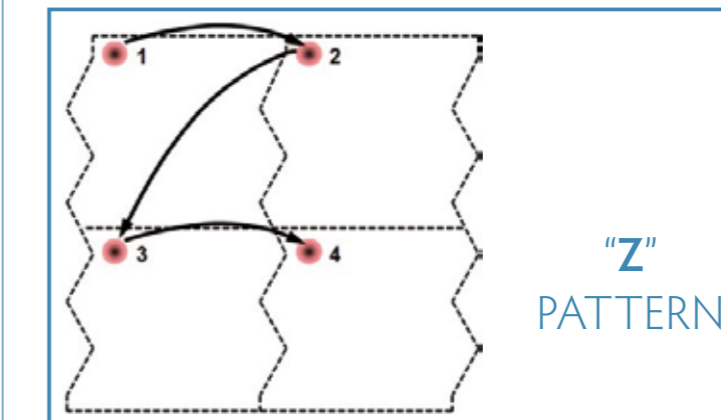
## ADVANTAGE OF "CW CHOPPED" TECHNOLOGY

### 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 CO<sub>2</sub> (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**.