



# COPRO 3

**AMT Engineering Co., Ltd.**

**Experience World Number 1 Aesthetic and Medical Laser Systems**

**CE/MDD APPROVED::: COFRAX | OLIVE | A-TONE**

**COPRO II | COPRO | AMT2500<sup>PLUS</sup> | NEWGEN | APL22**

**ATLAS | SYMPHONY | TOUCHCELL 15 | LD-21 | DERMA COOLER-21**

**NEW::: LUCAS<sup>PLUS</sup> | RAFcell<sup>PLUS</sup> | Hi-TONE | CUREDA | COPRO 3**

**SEE OUR OUTSTANDING PERFORMANCE!!  
ENSURE YOUR SATISFIED CLIENTS!!!**

# ➤ What is COPRO 3?

**COPRO 3**, proved top quality CO<sub>2</sub> laser resurfacing system has a dual system for CO<sub>2</sub> surgical and fractional laser system which has CW, PW, Ultra and fractional laser modes. It has various tips for adjustable scanning controls allow for faster treatments. COPRO 3's multiple treatment modes gives treatment convenience for resurfacing and tailor procedures.



- High peak power
- Fine beam quality
- Spot size 70 ~ 200 $\mu$ m
- Power scanner
- Less pain
- Various scan shapes





# COPRO 3

Anti-Aging

Various Scars

Large Pores

Skin Toning

## Key Features

CE (In Progress)

**Laser Category** CO<sub>2</sub> Fractional + Surgical Laser System

**Laser Source** CO<sub>2</sub>

**Wavelength** 10,600nm

**Indications** Acne Scar, Various Scars, Skin Texture, Large Pores, Rejuvenation, Skin Tone, Wrinkles

## Advantages

- High Peak Power
- Fine Beam Quality (Spot Size 100~200 $\mu$ m)
- Powerful and Rapid Scanner
- Less Pain
- Additional CW, Ultra Wave, Pulse Wave Mode
- Various Scan Shapes

High Peak Power

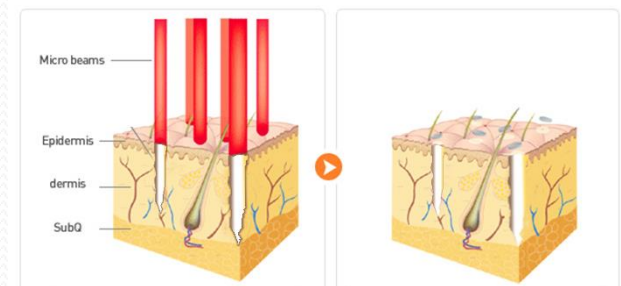


# ➤ Fractional Laser

**COPRO 3's** the CO2 fractional laser by scanner type, makes the beam divide into micro-sized units and leaves normal tissues among the beams to reduce direct skin damages to shorten the down time and to allow the skin to be cured faster. COPROIII is very much effective to improve pores, scars, deep wrinkles and rejuvenation like laser scaling.

## Indications

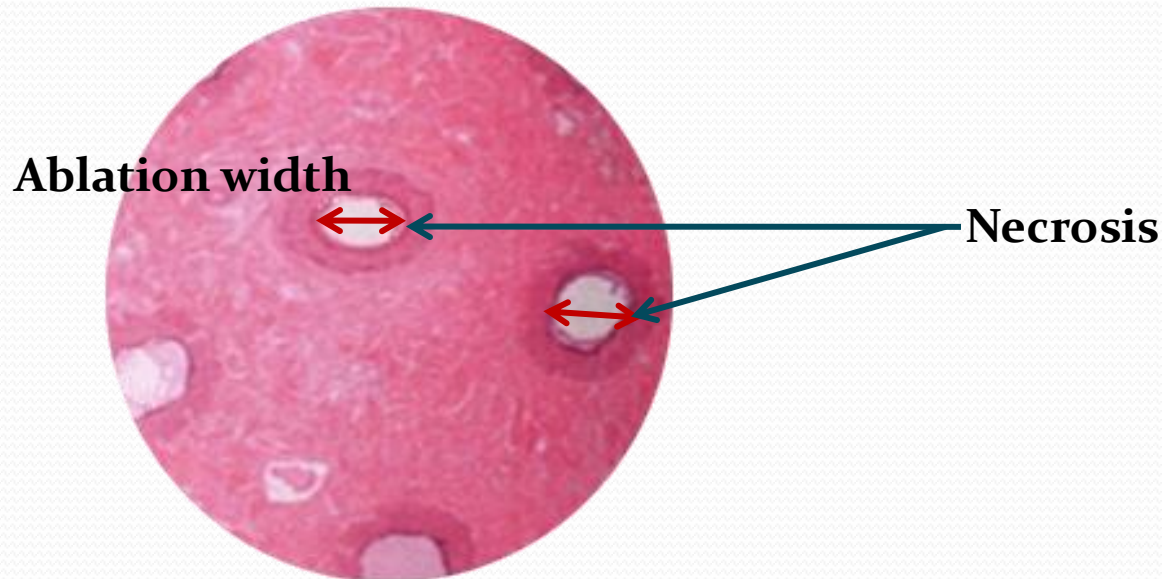
- Skin tone
- Large pore
- Various scars
- Deep wrinkle
- Rejuvenation
- Laser scaling





# Microscopic Spot Size = 80~120 $\mu$ m

- Laser light delivered at a spot size of 120  $\mu$ m in diameter at incidence
- Small spot size allows for maximum penetration depth of 2.5mm
- Minimized thermal damage to surrounding normal tissues





# ➤ CO2 Surgical Laser

**COPRO 3's**, the surgical CO2 Laser, is the best choice for general soft tissue surgery because the intense heat from the Laser beam produces the benefits of virtually painless, less bleeding, reduced risk, reduced infection and less scarring. User-friendly design and compactness are advantages of COPROIII for every laser types such as Ultra, CW and PW.

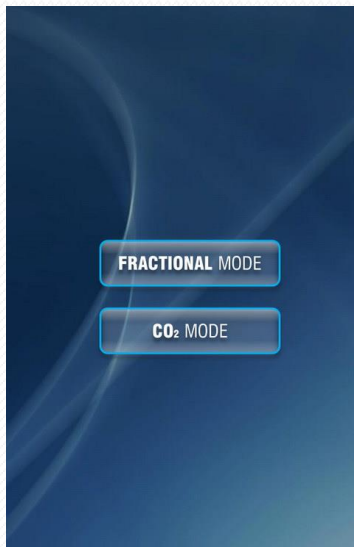
## Indications

- General surgery
- Dermatology
- Plastic surgery
- Proctology
- Gynecology
- ENT



# ➤ User Friendly Interface

The **COPRO 3** interface was developed using an Intuitive Graphic User-interface (IGU). This interface let user use COPROIII without any education and manual.



CO<sub>2</sub> FRACTIONAL LASER 



CO<sub>2</sub> FRACTIONAL LASER 



CO<sub>2</sub> FRACTIONAL LASER 

Easy to Learn

Easy to Use

Easy to Own





# COPRO 3 Specifications



Wavelength	CO <sub>2</sub> 10.6μm
Laser Type	Ablative CO <sub>2</sub> fractional Laser
Dual Operation Mode	Stamp / Moving
Pulse Energy	1mJ - 300mJ
Spot Size	80 ~ 120μm
Ablation Depth	Up to Max 1.5mm
Frequency in Stamp Mode	Max 999Hz
Density	Up to 1000
Scan Area Size	Max.20 X 20 mm
Scan Shape (with red LED guide beam)	Circle, Rectangular, Square
Dual Beam Pattern	Array / Random
Handpiece Tips	Focus 40mm / 42mm
Multiple Repetition Mode (Stacking Mode)	Single, Repete
Display	Touch Screen 7" Color LCD

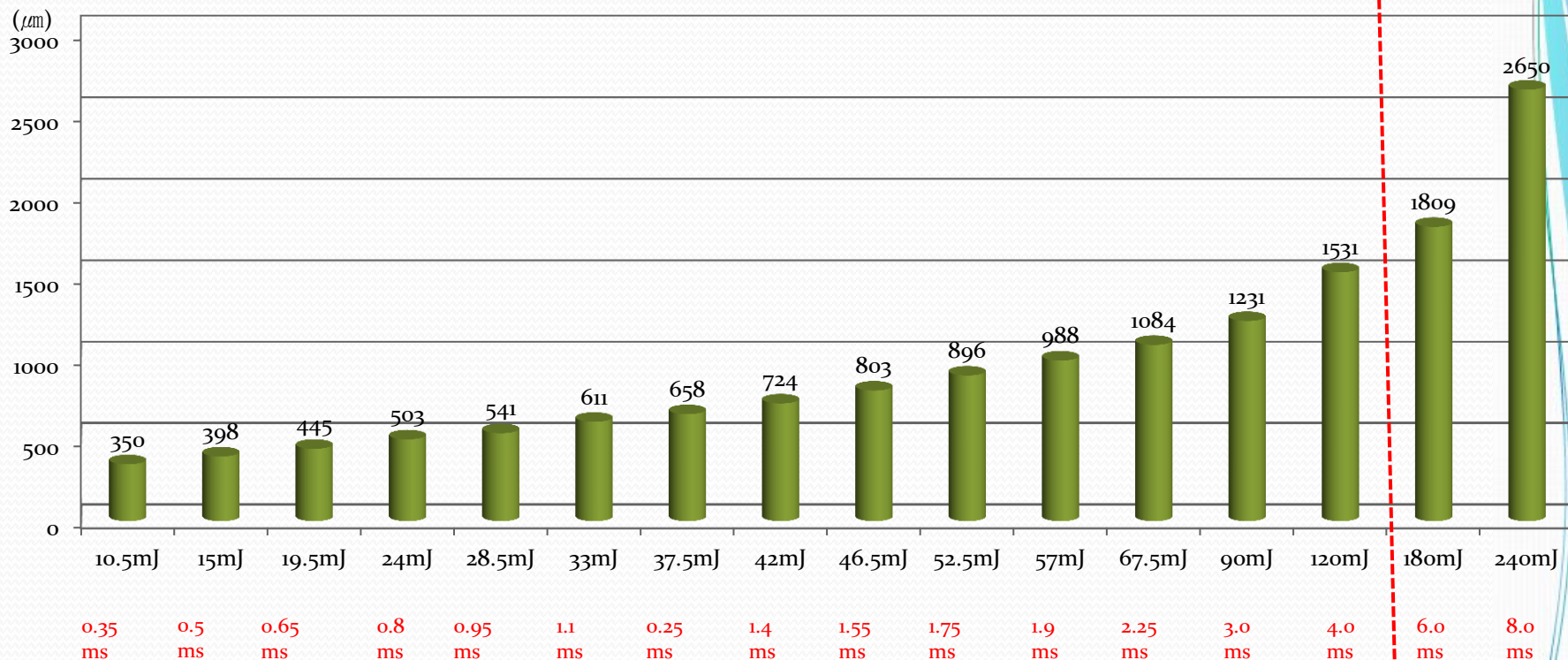




# Before / After

## COPRO III Max Ablation Depth

Max ablation depth



Pulse energy / pulse width



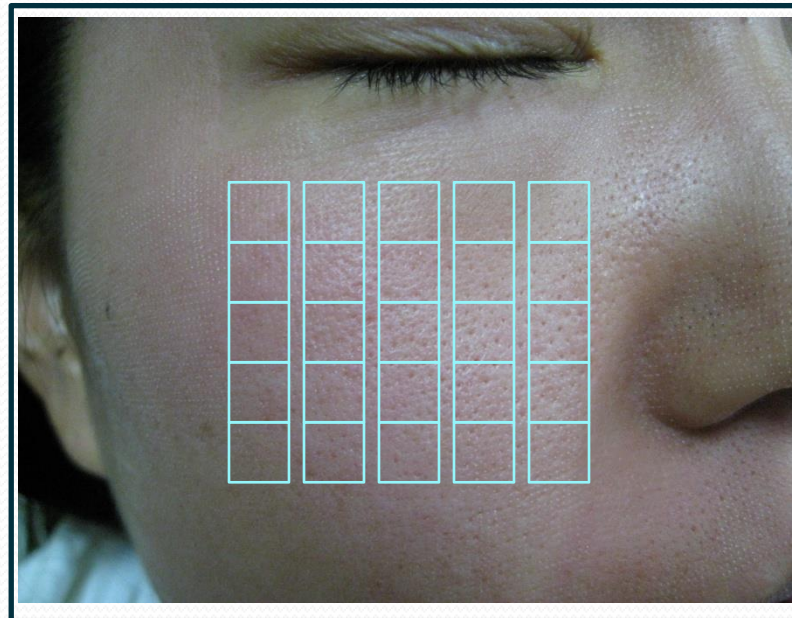
# Competitive Advantages

- **Sopt Size : 70 $\mu$ m~ Up to 130 $\mu$ m**  
Deep dermal penetration, minimized pain and downtime
- **Scan Mode**  
Features unique Circle, Rectangular, Square Modes  
Combines dual modes for more natural-looking clinical result
- **Operation Mode**  
Controlled stamp & moving mode
- **Beam Pattern**  
Controlled array & random pattern
- **Beam control**  
Stacking energy pulse in the same MAC for deepest penetration



# Treatments

- Step 1 - Select Operation Mode
- Step 2 - Select Scan Size and Type.
- Step 3- Set the Pulse Energy to the desired Level
- Step 4 - Apply stamp to cover the whole treating area





# Immediately Post



Settings:

21mJ(0.6ms), 121spots/cm<sup>2</sup>





# Before / After



**Before**

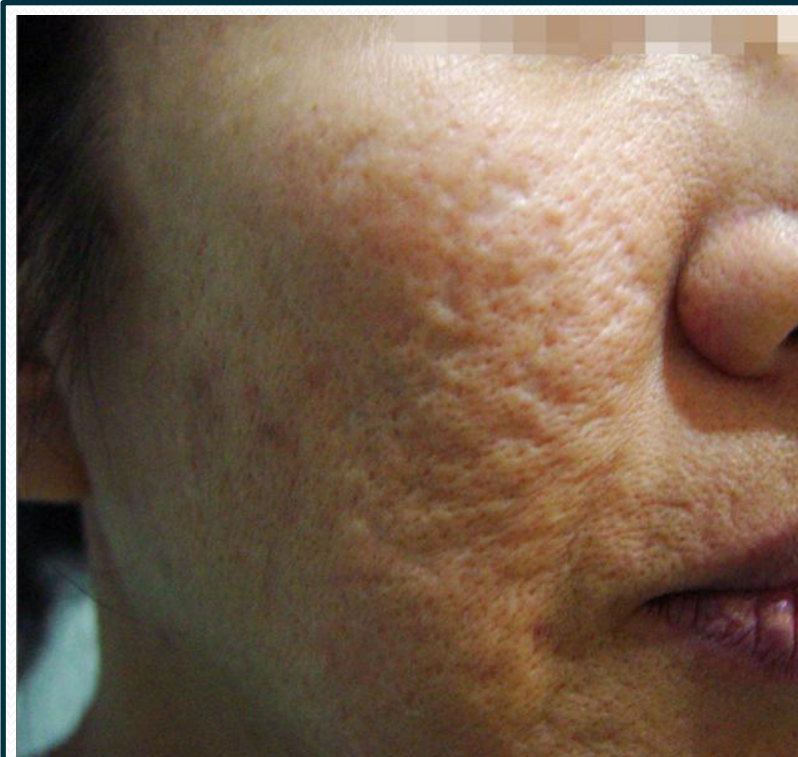
**After**







# Before / After



**Before**



**After**





# Before / After



**Before**

**After**

