

Introduction

RF excited CO2 Fractional Laser System fires a laser beam which is then split into number of microscopic super fine beams, producing tiny dot, or pixel-like treatment zones within the selected target area of the skin, leaving the other zones within it perfectly intact. Therefore, the heat of laser only passes deeply through the fractional damaged area. This allows the skin to heal much faster than if the whole area was treated. During the skin self-resurfacing, a great amount of collagen is produced for skin rejuvenation, eventually the skin will look much healthier and younger.

Applications:

Skin renewing and resurfacing
Wrinkle removal,
skin tightening
Acne and acne scar removal
Smooth burnt scars and surgery scars, etc
Sun damage recovery.

Advantages:

Intelligent laser control system ensures a precise treatment
RF-excited CO2 laser energy shooting is even, steady and safe. Wide range application & effective
Easy and fast treatment. Large-sized colorful touch screen, with maniable handpiece.

Futura RF 50

RF Excited CO2 Laser



Comparison of RF excited CO2 & glass tube CO2		
	RF excited CO2	Glass tube CO2
Laser source	Metal Tube (from U.S.A)	Glass Tube
Life time	20,000 h	2,000 h
Dot size	0.1mm(Diameter)	0.2-0.3mm(Diameter)
Cooling system	Fan cooling, No need distilled water	Water cooling, Need distilled water.



Specifications

Power :	50W
Power requirements:	AC 220V 50Hz < +5%
Beam mode :	TEM00
Beam diameter :	3.5mm
modulating frequency :	0-20KHz
Spot Size :	0.1mm / 1.25mm (Adjustable)
Spot Pattern :	Circle / Triangle/ Square/ Rectangle / Rhombus /Line
Spot Density :	×1 / ×2 / ×3 / ×4 / ×5 / ×6
Aiming Beam :	635 nm, ≤5mW
Laser Operating Mode :	Normal, Ultra Pulse, fractional
Scanning Mode :	Randomized Scanning
Pulse Interval :	1w~50w (every stepping: 1w)
Pulse Energy :	Max 50W
Cooling sytem :	Air cooling
Dimension :	39*51*107cm(L*W*H)
Weight	53kgs

