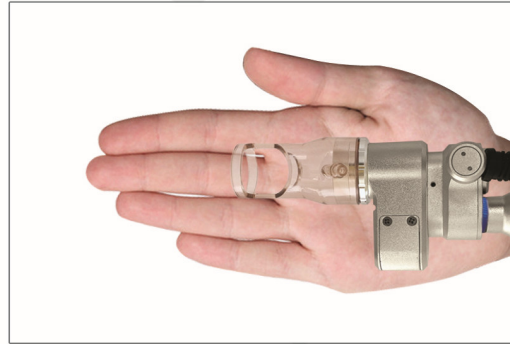
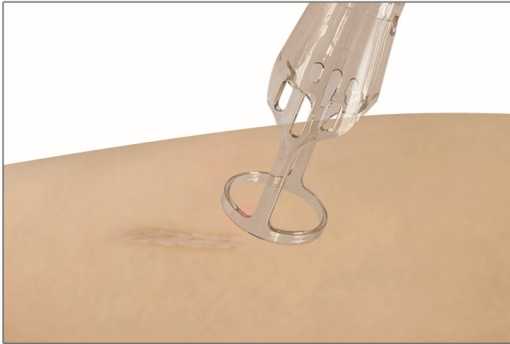


CO₂ Fractional Laser



New-type CO₂ Fractional Laser System

Model KL CO₂ Fractional Laser system transmits high energy to the skin and form ordered tapered aperture which can effectively stimulate collagen proliferation and restructuring. The shrinkage type repair function of the tapered hole makes skin tight, smooth and highly resilient.



Application Scope

▶▶ Under Fractional Mode

- 1, Remove tiny wrinkles, improve deeper forehead wrinkles and stretch marks
- 2, Remove acne and scar, especially for the acne scar, postoperative scar, frostbite scar
- 3, Improve chloasma, treat skin superficial pigment diseases such as freckles, coffee spot, age pigment
- 4, Improve light ageing skin and rough pores thickening dermis
- 5, Treat toenail fungus, plantar warts, ingrown toenails, etc.
- 6, Tighten vagina and treat uracratia disease

▶▶ Under Ultra Pulse Mode

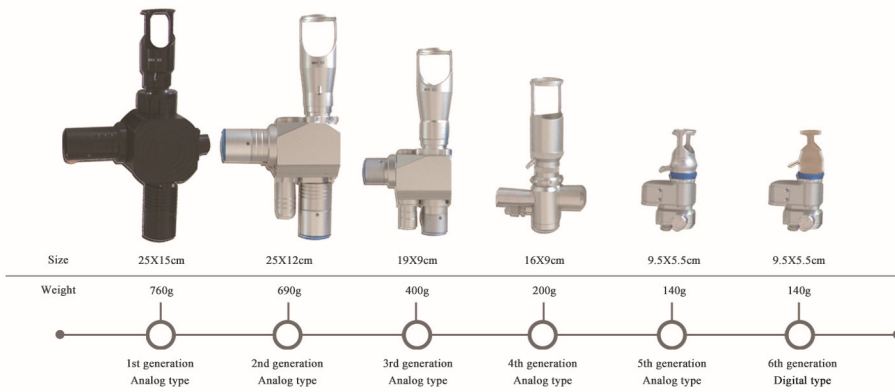
Cut skin vegetations, such as warts, nevus, seborrheic keratosis, sebaceous adenoma, syringomas, etc.

Adopt global latest technology, and take the lead in manufacturing the new generation fractional handpiece.

The unique vertical output optical path technology is more secure compared with the ordinary horizontal type output optical path.

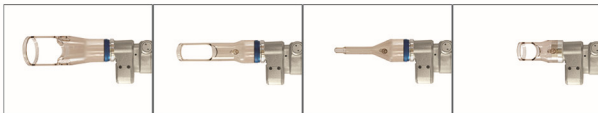
- 4 kinds of handpiece tips with $f=50\text{mm}$ and $f=100\text{mm}$ satisfy different treatment requirements and enlarge the scope of applications
- System is equipped with high quality single TEM₀₀ laser unit, adopts the most advanced ultra pulse transmitting technology and ensures the high peak power and strong stimulation to the skin
- The minimum pulse width is 0.1ms, it significantly reduces skin damage and thermal damage caused by repeated therapy, which is defined as the real fractional laser
- Modular design is for convenient assembly and after-sales maintenance service.

Product Development History



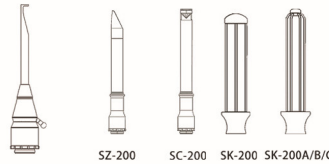
Patent Certificate

handpiece



Optional vaginal handpiece

Optional nail fungus handpiece



Therapy Advantages

Short treatment duration, little pain, and no need additional consumables

The treatment effect is obvious within several months after the treatment and can be kept for many years

The diameter of single laser spot is less than 0.075mm, with such small spot size, the patient can recover quickly

Surgical Ablation Treatment Function

Select and switch from different ablation width

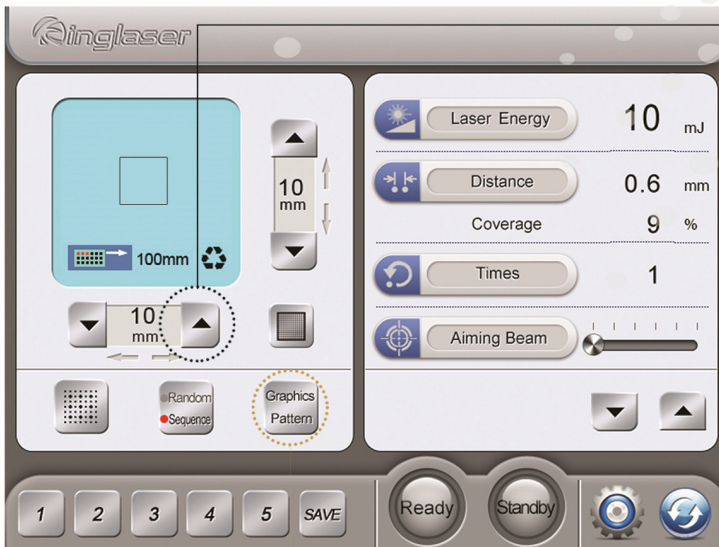


It has the function of longitudinal linear scanning.

It can change the scanning track by manual horizontal movement to achieve surgical ablation in any angle. The ablation width is adjustable, and it can adapt to different skin tissues, especially for nevus removal, skin vegetation and scar treatment



Multiple Scanning Patterns and Adjustable Pattern Size



Adjustable Patterns

By Adjusting the height and width of the pattern, the pattern can be shift between rectangle and square, circle and oval, equilateral triangle and isosceles triangle, so that the types of treatment patterns can be expanded to the maximum and can be used on more treatment lesions

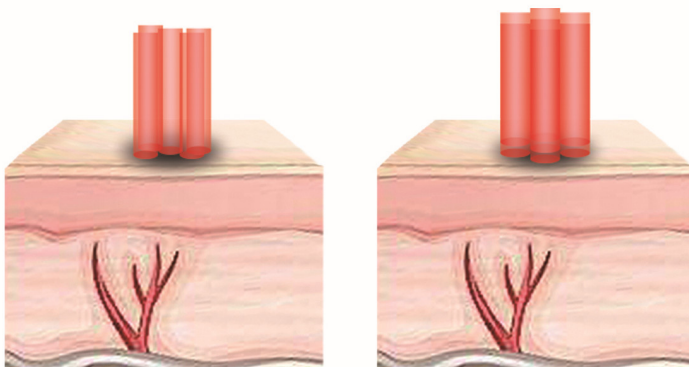


More extensions of the same type pattern

Multiple Scanning Patterns



Big Spot Scanning Function



Laser spot arrangement and combination to form uniform large spot



apart



tangent



intersectant

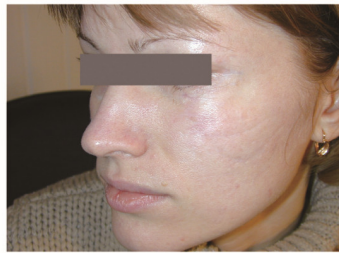
3 & 5 & 7 big spot scanning function can reduce laser overlap and leakage

Before and After

▶▶ Scar



Before



After

▶▶ Skin rejuvenation



Before



After

▶▶ Acne



Before



After

▶▶ Adenoma sebaceum



Before



After

▶▶ Seborrheic Keratosis



Before



After

▶▶ Excrescence



Before



After

Main Technical Parameters

| | | |
|--------------------------------|----------------------|-------|
| Laser Wavelength | 10.6μm | |
| Terminal Output Energy (Power) | | |
| Fractional Mode | Ultra Pulse | CW |
| 10-160mJ | 0.3-15W | 1-25W |
| Max. single scanning area | 20×20mm ² | |
| Min. pulse width | 0.1ms | |