



## Portable Fractional CO2 Laser Machine Ideal for Dermatology Clinics Scar Removal Skin Resurfacing and Anti Aging

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Health&Beauty
- Certification: medical CE TUV CE ISO
- Model Number: KM-700
- Minimum Order Quantity: 1
- Packaging Details: box
- Delivery Time: 1-7days
- Supply Ability: 100sets



### Product Specification

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**Product Description:**

The Fractional CO2 Laser Machine is an advanced dermatological device designed to deliver superior skin rejuvenation and resurfacing results. Combining cutting-edge technology with precision engineering, this machine offers a highly effective solution for various skin concerns, including wrinkles, scars, pigmentation, and texture irregularities. With its unique ability to target specific skin layers, the Fractional CO2 Laser Machine promotes collagen remodeling and skin tightening, resulting in a smoother, healthier, and more youthful complexion.

One of the standout features of this device is its integration of both Thulium and Erbium laser technologies, which enhances its versatility and treatment efficacy. The Thulium Erbium laser component allows for precise control over the depth and intensity of the laser energy delivered to the skin, making it suitable for a wide range of skin types and conditions. This combination ensures that treatments are not only effective but also minimally invasive, reducing downtime and the risk of side effects.

The machine also incorporates a 1927nm Thulium Laser, renowned for its exceptional ability to target pigmentation and superficial skin lesions without damaging the surrounding tissue. This wavelength is particularly effective for treating melasma, sunspots, and other forms of hyperpigmentation, providing patients with a brighter and more even skin tone. The 1927nm Thulium Laser's precision makes it an invaluable tool for dermatologists seeking to deliver targeted, safe, and efficient treatments.

At the core of the device's functionality is the CO2 fractional skin rejuvenation laser technology. Fractional CO2 lasers work by creating microscopic columns of thermal damage in the skin, stimulating the body's natural healing process and encouraging the production of new collagen and elastin fibers. This fractional approach allows for quicker recovery times compared to traditional ablative lasers, as untreated skin between the micro-injuries accelerates healing. The result is improved skin texture, reduced fine lines and wrinkles, and enhanced overall skin tone and elasticity.

Designed with user convenience and patient comfort in mind, the Fractional CO2 Laser Machine features an intuitive interface and customizable treatment settings. This allows practitioners to tailor each session to the specific needs of their patients, optimizing outcomes while minimizing discomfort. The device's ergonomic handpiece ensures precise delivery of laser energy, facilitating smooth and consistent treatments across different facial and body areas.

Beyond aesthetic applications, the Fractional CO2 Laser Machine is also effective in addressing various medical dermatology conditions such as acne scars, surgical scars, and stretch marks. Its ability to resurface the skin at a microscopic level promotes tissue regeneration and scar remodeling, offering patients a significant improvement in skin appearance and texture.

In summary, the Fractional CO2 Laser Machine represents a pinnacle in laser skin treatment technologies by combining the power of the Thulium Erbium laser, the specificity of the 1927nm Thulium Laser, and the proven efficacy of the CO2 fractional skin rejuvenation laser. This multi-functional device provides a comprehensive solution for both cosmetic and therapeutic skin concerns, delivering outstanding results with enhanced safety and patient satisfaction. Ideal for dermatologists, aesthetic practitioners, and medical professionals, it is a valuable addition to any clinical setting focused on advanced skin care and rejuvenation.

**Features:**

- Advanced Fractional CO2 Laser technology for effective skin treatment
- Incorporates 1927nm Thulium Laser for precise and gentle skin resurfacing
- Co2 fractional skin rejuvenation laser designed to improve skin texture and tone
- Combines Thulium and Erbium laser wavelengths for versatile dermatological applications
- Minimally invasive procedure with reduced downtime and faster healing
- Adjustable laser parameters for customized treatment plans
- Suitable for treating wrinkles, scars, pigmentation, and other skin imperfections
- High safety standards with integrated cooling system to protect surrounding tissues
- User-friendly interface for easy operation by medical professionals
- Compact and durable design for clinical and cosmetic use

**Technical Parameters:**

Laser Type	CO2 Fractional Skin Rejuvenation Laser
Wavelength	10,600 nm
Output Power	30W
Energy Density	10-120 mJ/pulse
Pulse Width	0.1-20 ms
Spot Size	120-400 µm
Repetition Rate	1-20 Hz
Modes	Fractional, Continuous, Super Pulse
Cooling System	Integrated Cooling System for Comfortable Treatment
Display	8-inch Color Touch Screen
Power Supply	AC 110-240V, 50/60 Hz
Dimensions	450mm x 390mm x 360mm

Weight	18 kg
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## Applications:

The Fractional CO2 Laser Machine, model KM-700, manufactured by Health&Beauty in China, is a state-of-the-art device designed for advanced skin rejuvenation and dermatological treatments. This machine integrates cutting-edge Thulium Erbium laser technology, including the highly effective 1927nm Thulium Laser wavelength, which is renowned for its precision and minimal downtime. Its versatility makes it ideal for various clinical and aesthetic applications, catering to both medical professionals and cosmetic practitioners.

One of the primary application occasions for the Fractional CO2 Laser Machine is skin resurfacing. The fractional laser penetrates deep into the dermis, stimulating collagen production and promoting tissue regeneration, which effectively treats wrinkles, fine lines, and acne scars. The 1927nm Thulium Laser specifically targets pigmentation and sun damage, making it an excellent choice for patients seeking to improve skin tone and texture.

Another common scenario where this device excels is in the treatment of pigmentation disorders such as melasma, age spots, and freckles. The precise energy delivery of the Thulium Erbium laser ensures that melanin-rich areas are selectively targeted without damaging surrounding tissue, resulting in clear, even skin with reduced risk of adverse effects.

In addition, the Fractional CO2 Laser Machine is widely used for skin tightening and pore reduction. By promoting collagen remodeling, it helps improve skin elasticity and smoothness, which is especially beneficial for patients experiencing signs of aging or enlarged pores. Its application in delicate areas, such as around the eyes and neck, highlights its safety and efficiency.

Thanks to its compact packaging in a box and a supply ability of 100 sets, the KM-700 model is readily available with a delivery time of 1-7 days. The machine comes certified with medical CE, TUV CE, and ISO certifications, ensuring high standards of safety and performance.

Overall, the Fractional CO2 Laser Machine from Health&Beauty is a reliable and versatile solution suitable for dermatology clinics, medical spas, and cosmetic centers. Whether used for skin rejuvenation, pigmentation correction, or skin tightening, the integration of the 1927nm Thulium Laser and Thulium Erbium laser technology guarantees superior results, making it an indispensable tool in modern aesthetic medicine.

## Support and Services:

Our Fractional CO2 Laser Machine is designed to provide advanced skin resurfacing and rejuvenation treatments with precision and safety. To ensure optimal performance and longevity of your device, we offer comprehensive technical support and services.

Our technical support team is available to assist you with installation guidance, operational training, and troubleshooting. We provide detailed user manuals and instructional videos to help you understand the device functions and maintenance procedures.

For routine maintenance, we recommend regular cleaning of the laser handpiece and checking the calibration of the laser output. Our service technicians are available for scheduled maintenance visits and can perform software updates and hardware inspections to keep your machine operating at peak efficiency.

In the event of a malfunction or technical issue, our support team will work promptly to diagnose and resolve the problem. We also provide spare parts and replacement components to minimize downtime.

We are committed to ensuring that your Fractional CO2 Laser Machine delivers safe, effective, and reliable performance for your clinical needs.

## Packing and Shipping:

**Product Packaging:** The Fractional CO2 Laser Machine is carefully packaged to ensure safe delivery. It is packed in a sturdy, custom-designed wooden crate with foam padding inside to protect the device from shocks and vibrations during transit. All accessories, including handpieces, power cords, and user manuals, are securely placed in labeled compartments within the package. The exterior of the crate is clearly marked with handling instructions such as "Fragile" and "This Side Up" to ensure proper care during transportation.

**Shipping:** We offer worldwide shipping for the Fractional CO2 Laser Machine through reliable courier services. The product is shipped via air freight or express delivery depending on the destination and customer preference. Tracking information is provided once the shipment is dispatched. We ensure that all necessary export documentation and customs clearance procedures are handled to facilitate smooth delivery. Estimated delivery time varies by location but typically ranges from 7 to 15 business days.

## FAQ:

**Q1: Where is the Fractional CO2 Laser Machine manufactured?**

A1: The Fractional CO2 Laser Machine is manufactured in China.

**Q2: What is the brand and model number of this laser machine?**

A2: The brand name is Health&Beauty and the model number is KM-700.

**Q3: What is the minimum order quantity for the Fractional CO2 Laser Machine?**

A3: The minimum order quantity is 1 unit.

**Q4: How is the product packaged for delivery?**

A4: The machine is securely packaged in a box to ensure safe delivery.

**Q5: What is the typical delivery time after placing an order?**

A5: The delivery time ranges from 1 to 7 days depending on the order and destination.

**Q6: What certifications does the Fractional CO2 Laser Machine have?**

A6: This product holds medical CE, TUV CE, and ISO certifications.

**Q7: What is the supply ability of this laser machine?**

A7: The supply ability is 100 sets per month.

# 1927 NM THULIUM LASER

Non-ablative laser Fractional laser

NEW BEAUTY

1927NM

Shrink Pores  
Oil Control  
Acne Removal

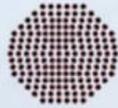
1927-1940NM

EFFICIENT AND SAFE



# 2 MODES WITH 2 APPLICATORS

## Scan Graphics



CIRCLE



TRIANGLE



SQUARE



RECTANGLE



HEXAGON



ELLIPSE



LINE



30mm

Standard  
f50mm

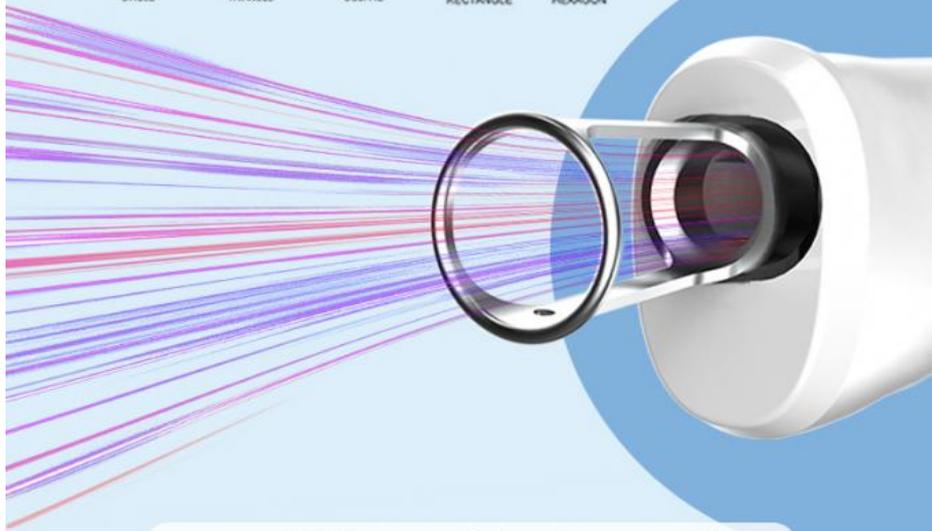
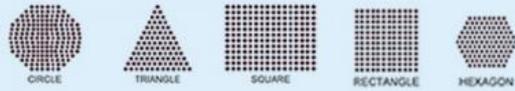


Optional



Equipped with Fractional mode and Sliding mode,  
making treatment safer, faster, and more intelligent.

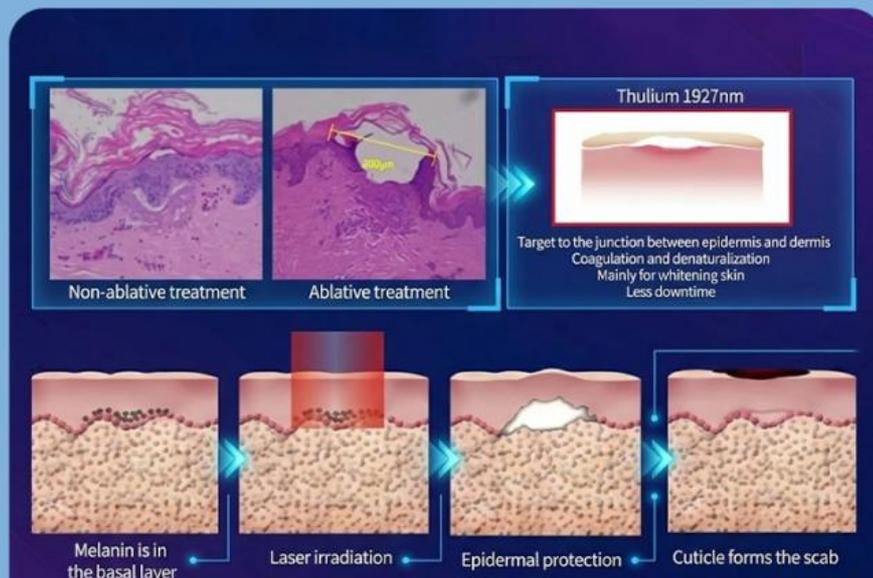
# Fractional scan Graphics



synergistically approached on deeper, medial and superficial skin as well as targeting imperfections.

## TECHNICAL PRINCIPLES

Double effects, safe and effective



The 1927nm Thulium Laser's wavelength is uniquely absorbed by water in the skin, enabling precise, superficial treatment. It creates microscopic zones that gently remove pigmented and damaged cells while leaving surrounding tissue unaffected. This triggers natural skin renewal, promoting healthier, smoother, and more even-toned skin.

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