



Portable Fractional CO2 Laser Machine Ideal for Dermatology Clinics Scar Reduction Skin Rejuvenation and Acne Treatment

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 a state-of-the-art dermatological device designed to deliver advanced skin rejuvenation treatments with precision and efficiency. Combining cutting-edge technology with user-friendly features, this machine is engineered to meet the needs of modern aesthetic clinics and medical spas seeking effective solutions for skin resurfacing and rejuvenation. At the core of its innovative design are the Thulium Erbium laser components, which provide versatile treatment options tailored to various skin types and conditions.

One of the standout features of this Fractional CO2 Laser Machine is its integration of the 1927nm Thulium Laser, a wavelength specifically chosen for its superior ability to target superficial skin layers with minimal downtime. This wavelength is highly effective in addressing pigmentation issues, sun damage, and fine lines by stimulating collagen production and promoting natural skin regeneration. The inclusion of the 1927nm Thulium Laser enables practitioners to offer precise treatments that improve skin texture and tone while maintaining patient comfort.

In addition to the Thulium laser technology, the machine incorporates a co2 fractional skin rejuvenation laser system. The fractional CO2 laser is widely recognized for its powerful ablative capabilities, allowing it to penetrate deep into the dermis to treat wrinkles, scars, and other signs of aging. By creating microscopic columns of thermal damage surrounded by untreated tissue, the co2 fractional skin rejuvenation laser promotes rapid healing and collagen remodeling. This fractional approach minimizes risks and side effects, making it a preferred choice for patients looking for effective skin rejuvenation with reduced recovery time.

The synergy between the Thulium Erbium laser and the fractional CO2 technology in this machine provides a comprehensive treatment platform. Users can customize treatment parameters to target specific skin concerns, ranging from superficial pigmentation and texture irregularities to deeper wrinkles and acne scars. This flexibility makes the device suitable for a broad spectrum of dermatological applications, enhancing its value and appeal in the aesthetic market.

Moreover, the Fractional CO2 Laser Machine is designed with precision engineering and safety in mind. Advanced cooling systems and adjustable energy settings allow practitioners to tailor treatments to each patient's unique skin condition and tolerance level. The ergonomic handpiece and intuitive user interface facilitate ease of use, ensuring consistent and reproducible results. This combination of safety, efficacy, and user-friendliness makes the machine an indispensable tool for clinicians aiming to deliver exceptional skin rejuvenation outcomes.

In clinical practice, the benefits of utilizing the 1927nm Thulium Laser alongside the co2 fractional skin rejuvenation laser are well documented. Patients experience improvements in skin elasticity, reduction in pigmentation irregularities, and a more youthful complexion after a series of treatments. The fractional CO2 laser's ability to stimulate collagen production complements the Thulium laser's targeted effects, resulting in a synergistic enhancement of overall skin quality.

Beyond its clinical performance, the Fractional CO2 Laser Machine is built with durability and long-term reliability in mind. High-quality components and rigorous manufacturing standards ensure that the device maintains optimal performance over time, providing a sound investment for medical professionals. Additionally, comprehensive training and support services are often offered by manufacturers, helping users maximize the machine's capabilities and safely expand their treatment offerings.

In summary, the Fractional CO2 Laser Machine featuring the Thulium Erbium laser and 1927nm Thulium Laser technology represents a pinnacle in skin rejuvenation solutions. Its combination of fractional CO2 laser treatment and advanced Thulium laser wavelengths delivers unparalleled versatility, safety, and effectiveness. Whether addressing pigmentation, fine lines, wrinkles, or scars, this machine empowers practitioners to achieve remarkable skin transformation results, making it a valuable addition to any aesthetic practice focused on cutting-edge skin care.

Features:

- Advanced Fractional CO2 Laser technology for precise skin treatment
- Incorporates 1927nm Thulium Laser for enhanced skin resurfacing and rejuvenation
- 1927nm Thulium Laser wavelength targets pigmentation and improves skin texture
- Dual laser system combining Fractional CO2 and 1927nm Thulium Laser for versatile applications
- Adjustable laser parameters to suit various skin types and conditions
- High precision scanning system for uniform laser distribution
- User-friendly interface for easy operation and treatment customization
- Effective for treating wrinkles, scars, pigmentation, and uneven skin tone
- Safe and minimally invasive procedure with quick recovery time
- 1927nm Thulium Laser enhances collagen production for long-lasting skin rejuvenation

Technical Parameters:

Laser Type	Thulium Erbium laser, CO2 Fractional Skin Rejuvenation laser
Wavelength	10,600 nm (CO2), 1927 nm (Thulium Erbium)
Pulse Energy	10 - 100 mJ
Pulse Width	0.1 ms - 10 ms
Repetition Rate	1 - 20 Hz
Spot Size	0.12 mm - 2.0 mm
Scanning Area	Up to 20 x 20 mm
Cooling System	Integrated air cooling
Display	10.4 inch color touchscreen

Power Supply	AC 110V/220V, 50/60Hz
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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 treatment applications. This innovative machine combines the power of CO2 fractional skin rejuvenation laser technology with Thulium Erbium laser capabilities, making it an ideal solution for a variety of dermatological and aesthetic procedures.

One of the primary application occasions for the Fractional CO2 Laser Machine is skin rejuvenation. The CO2 fractional skin rejuvenation laser effectively stimulates collagen production, reduces fine lines, wrinkles, and improves overall skin texture. It is widely used in medical spas, dermatology clinics, and cosmetic surgery centers to help patients achieve smoother, firmer, and younger-looking skin.

Another significant application scenario involves the treatment of pigmentation disorders and vascular lesions. Thanks to the dual-functionality of the Thulium Erbium laser integrated within the KM-700, practitioners can precisely target melanin and hemoglobin in the skin, making it highly effective for removing age spots, sun damage, and vascular imperfections. This makes the device a versatile choice for skin specialists aiming to provide comprehensive cosmetic treatments.

The Fractional CO2 Laser Machine is also well-suited for scar revision and skin resurfacing procedures. Whether addressing acne scars, surgical scars, or uneven skin tone, the combined technologies ensure minimal downtime and optimal patient comfort. This makes it highly popular in clinical settings where patient satisfaction and quick recovery are paramount.

Due to its advanced features and reliable performance, the KM-700 model has obtained multiple certifications, including medical CE, TUV CE, and ISO, ensuring safety and quality standards are met. The device is conveniently packaged in a box and can be delivered within 1-7 days, with a supply ability of 100 sets, and a minimum order quantity of just one unit, making it accessible to a wide range of medical and cosmetic institutions.

In summary, the Fractional CO2 Laser Machine by Health&Beauty is an essential tool for professionals seeking effective solutions in skin rejuvenation, pigmentation correction, scar treatment, and overall dermatological care. Its combination of CO2 fractional skin rejuvenation laser and Thulium Erbium laser technologies offers unparalleled versatility and performance in various clinical and aesthetic scenarios.

Support and Services:

Our Fractional CO2 Laser Machine is designed to provide advanced skin resurfacing treatments with precision and safety. For technical support, please ensure that the device is operated according to the user manual and safety guidelines to prevent any operational issues. In case of technical difficulties, verify that all connections are secure and the machine is properly calibrated. Regular maintenance is recommended to maintain optimal performance, including cleaning the handpiece and checking the laser output.

We offer comprehensive services including installation assistance, user training, and routine maintenance checks to ensure your Fractional CO2 Laser Machine operates efficiently. Our support team is committed to helping you maximize the benefits of your device through expert guidance and timely service.

For software updates and troubleshooting, please refer to the support section of our website or the user manual provided with the machine. Utilizing genuine replacement parts is advised to maintain device integrity and warranty coverage.

We recommend scheduling periodic professional inspections to detect and resolve any potential issues early. Our goal is to provide you with reliable, high-quality service to support your practice and enhance patient outcomes.

Packing and Shipping:

Product Packaging:

The Fractional CO2 Laser Machine is carefully packaged to ensure maximum protection during transit. The device is securely placed inside a custom-molded foam insert within a sturdy, double-walled cardboard box. All accessories, including handpieces, cables, and user manuals, are individually wrapped and cushioned to prevent any damage. The packaging is designed to be tamper-evident and includes clear labeling for fragile handling.

Shipping Information:

We offer worldwide shipping for the Fractional CO2 Laser Machine. Orders are processed within 2-3 business days after payment confirmation. The product is shipped via reliable courier services with tracking available for all shipments. Shipping costs and delivery times vary depending on the destination. Customers are advised to provide accurate shipping information to avoid delays. Insurance options are available to cover any damages or losses during transit.

FAQ:

Q1: What is the model number of the Fractional CO2 Laser Machine?

A1: The model number of the Fractional CO2 Laser Machine is KM-700.

Q2: Where is the Fractional CO2 Laser Machine manufactured?

A2: The Fractional CO2 Laser Machine is made in China.

Q3: What certifications does the Fractional CO2 Laser Machine have?

A3: This machine is certified with medical CE, TUV CE, and ISO certifications.

Q4: What is the minimum order quantity for the Fractional CO2 Laser Machine?

A4: The minimum order quantity for this product is 1 set.

Q5: How long does it take to deliver the Fractional CO2 Laser Machine after placing an order?

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

Q6: How is the Fractional CO2 Laser Machine packaged for shipment?

A6: The machine is securely packaged in a box to ensure safe delivery.

Q7: What is the supply capacity of the manufacturer for this product?

A7: The manufacturer can supply up to 100 sets of the Fractional CO2 Laser Machine.

1927 NM THULIUM LASER

Non-ablative laser Fractional laser

NEW BEAUTY

1927NM

Shrink Pores
Oil Control
Acne Removal

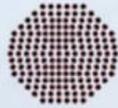
1927-1940NM

EFFICIENT AND SAFE



2 MODES WITH 2 APPLICATORS

Scan Graphics



CIRCLE



TRIANGLE



SQUARE



RECTANGLE



HEXAGON



ELLIPSE



LINE



30mm

Standard
f50mm

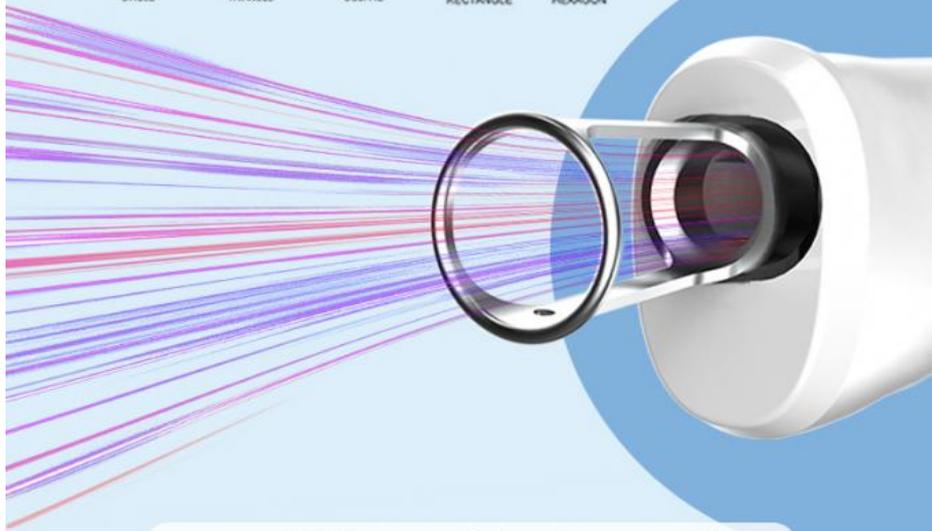
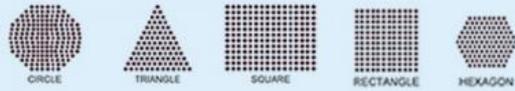


Optional



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

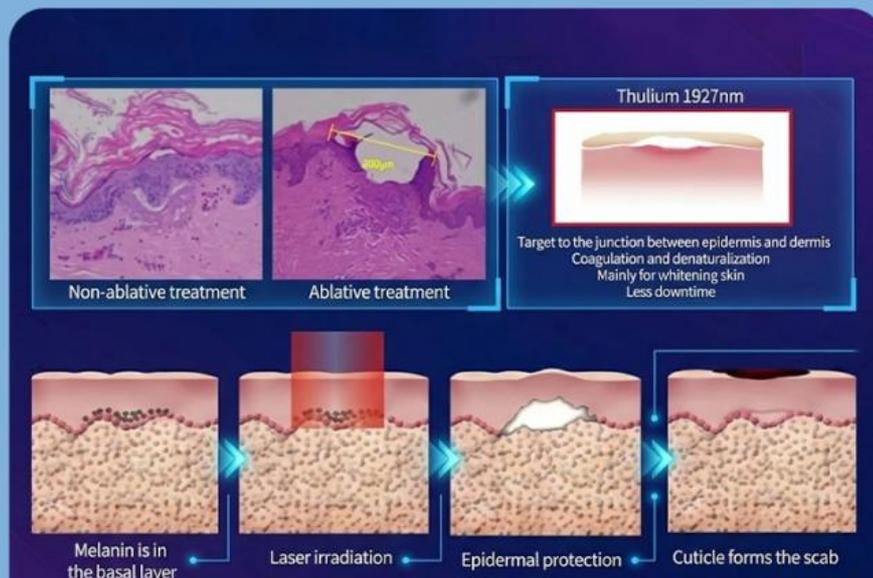
Fractional scan Graphics



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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