



## PicoSecond Laser 1064nm 532nm Birthmark Tattoo Removal Nd Yag Pico Laser Picosecond Picolaser Tattoo Remover Machine

Our Product Introduction

### Basic Information

- Place of Origin: Shandong, China
- Brand Name: KM LASER, OEM
- Model Number: picosecond
- Minimum Order Quantity: 1
- Packaging Details: box
- Delivery Time: 1-7days
- Supply Ability: 100sets



### Product Specification

- Production Name: Picosecond Facial Rejuvenation Q-Switched Tattoo Removal
- Q-Switch: Yes
- Laser Type: Nd: Yag Laser
- Style: Stationary
- Type: Laser, Picosecond Laser Tattoo
- Feature: Pigment Removal, Dark Circles, Skin Tightening, Pore Remover, Whitening, Acne Treatment, Skin Rejuvenation, Pigmentation Correctors, Tattoo Removal, LIP PLUMPER
- Application: For Commercial
- After-sales Service Provided: Free Spare Parts, Online Support, Video Technical Support, Field Installation, Commissioning And Training, Field Maintenance And Repair Service
- Warranty: 2 Years
- Wavelength: 1064nm/532nm/755nm(optional)



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## Product Description

M Factory was established in 2009. 17-year Gold Supplier, Verified certification, and ISO 13485 MDSAP AND TUV medical device system certification, Certified by 27 EU countries, Brazil, New Zealand, Japan, Canada, and the United State

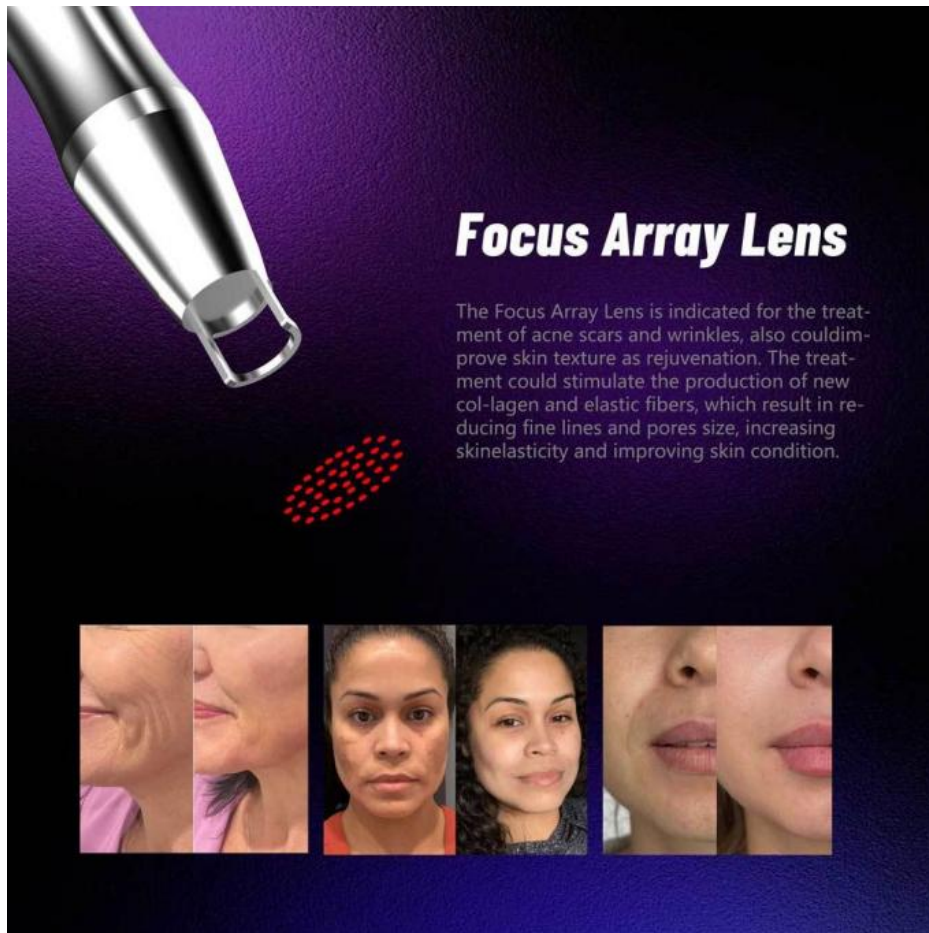


**PICOSECOND LASER MACHINE**  
The most powerful pigment and tattoo removal solution on the market

- HIGH PEAK POWER
- SHORTEST PULSE
- VARIOUS WAVELENGTHS
- VERSATILE TREATMENTS

**Picosecond lasers removal pigments by emitting laser beams in shorter picosecond pulses.** This means that there is less time for surrounding tissue to be damaged by heat from each laser beam. **Compared to the older nano-second lasers, Picosecond laser is able to deliver higher energy laser beams to shatter these pigments more effectively.**


1. Fewer laser treatment sessions needed when using picosecond laser.
2. Picosecond Laser are able to treat stubborn and challenging cases that Q-switch Lasers cannot.
3. It is an improved technology from traditional Q-switched Laser, which fire laser beams in the picosecond (trillionth of a second) duration.
4. Picosecond laser treatment are approximately 10 times faster than nanosecond Q-switched lasers.



The image shows a silver, cylindrical laser device with a lens at the tip, positioned diagonally. Below it, a red, honeycomb-patterned lens is shown. The background is a dark purple gradient.

## Focus Array Lens

The Focus Array Lens is indicated for the treatment of acne scars and wrinkles, also could improve skin texture as rejuvenation. The treatment could stimulate the production of new collagen and elastic fibers, which result in reducing fine lines and pores size, increasing skin elasticity and improving skin condition.



A row of six small photographs showing skin treatment results. From left to right: 1. Profile of a woman's face showing wrinkles on the forehead. 2. Profile of the same woman's face showing smoother skin. 3. Frontal view of a woman's face with dark spots. 4. Frontal view of the same woman's face with fewer dark spots. 5. Close-up of a woman's nose and lips with fine lines. 6. Close-up of the same woman's nose and lips with smoother skin.

3-5 cycles Perfect Picosecond technology brings you delicate and smooth skin, with charming radiance from the inside out.

### 3 wavelength therapy- Different wavelengths treat different symptoms

- 532nm- For pigmentation, light pigmentation ,red , coffee, brown , tattoos,birthmarks.
- 755nm-Honeycomb design for pigmented lesions.
- 1064nm-For all spots and black, blue,andgreen tattoos.

## Four-mode Operation Interface

The world's unique four-mode operation interface, picosecond mode, long pulse mode, PTPmode, multi-pulse mode, fully meet the needs of various treatment projects.



### • User-Friendly Software System

The system comes with treatment parameter suggestions for 11 commonly used treatment items. Each treatment item is set with the recommended energy, frequency and spot size, which is convenient for customers to use.

### Main technical parameters and performance indicators:

#### (1) Working conditions:

1. ambient temperature: 10 ~ 30 ;
2. relative humidity:  $\leq 75\%$ ;
3. atmospheric pressure: 860 ~ 1060hpa;
4. the use of power: AC220V $\pm 10\%$ , 50Hz $\pm 2\%$ ;
5. cooling water: deionized water or pure distilled water, the lowest standard purified water.

#### (2) Basic parameters:

1. Geometric dimension (excluding joint arm, length \*width \* height, mm) : 90\*44\*96cm;
2. Net volume of the machine: 68kg; Light guide wall 4kg; Gross weight 117 kg
3. power: 2000W;
4. overcurrent protector model: 220V, 10A
5. working laser wavelength: 1064nm; 755 nm; 532nm
6. laser output frequency: 1-10hz;
7. spot diameter: 2-10mm adjustable;
8. single pulse maximum output energy :1064nm(1064:0.1~2.0j); 755nm (0.05~1.0j); 532 nm (0.05 ~ 1.0 j);

## South Korean Laser Arm

The lens in the arm has high reflection accuracy, low energy loss rate, uniform light spot and stable output.



## Four Wavelengths

With PICOFOCUS you can erase the rainbow

For effective shattering of the most popular pigment/ink colors, PICOFOCUS offers 4 wavelengths in order to treat the broadest range of pigment/tattoo colors, on the widest range of skin types. Its four-wavelengths - 1064nm, 532nm, 650nm and 585nm target 9 of the most frequently used tattoo colors ranging from light orange to dark black.



755nm HoneyComb Probe For pigment removal, face speckle removal. Professional for pigment removal, face speckle spot removal.

# Picosecond Laser

Free 360° of rotation, ensure constant energy laser power  
It is more shock-resistant than existing products with  
Modern design



Electro-optic Q-switch yag laser, releases sing pulse, tiny pain



Common Nd YAG Laser releases multiple-pulse, painful



## Treatment principle

The Picosecond laser uses ultra-short pulses (one trillionth of a second in length) to hit the melanin with great pressure, the melanin shatters into tiny dust-like particles. Because the particles are so small, they are more readily absorbed and eliminated by the body. It will significantly reduce postoperative swelling melanin precipitate phenomenon.



### **Standard Mode**The All-Rounder

One powerful pulse. Effective for most tattoos and pigments on all skin types.

### **Dual Pulse Mode**For Stubborn Ink & Dark Skin

Two rapid pulses. Safer, less heat. Perfect for resistant pigment and sensitive skin.

### **Multiplex Mode**Maximum Comfort

Gentle micro-pulses. Virtually pain-free. Ideal for sensitive areas and all patients.

### **Long Pulse Mode**For Vascular & Hair

Extended pulse. Targets veins, hair, and rejuvenation. Beyond pigmentation.

KM | *Health/Beauty* Weifang KM Electronics Co., Ltd.

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