

Weifang KM Electronics Co.,Ltd

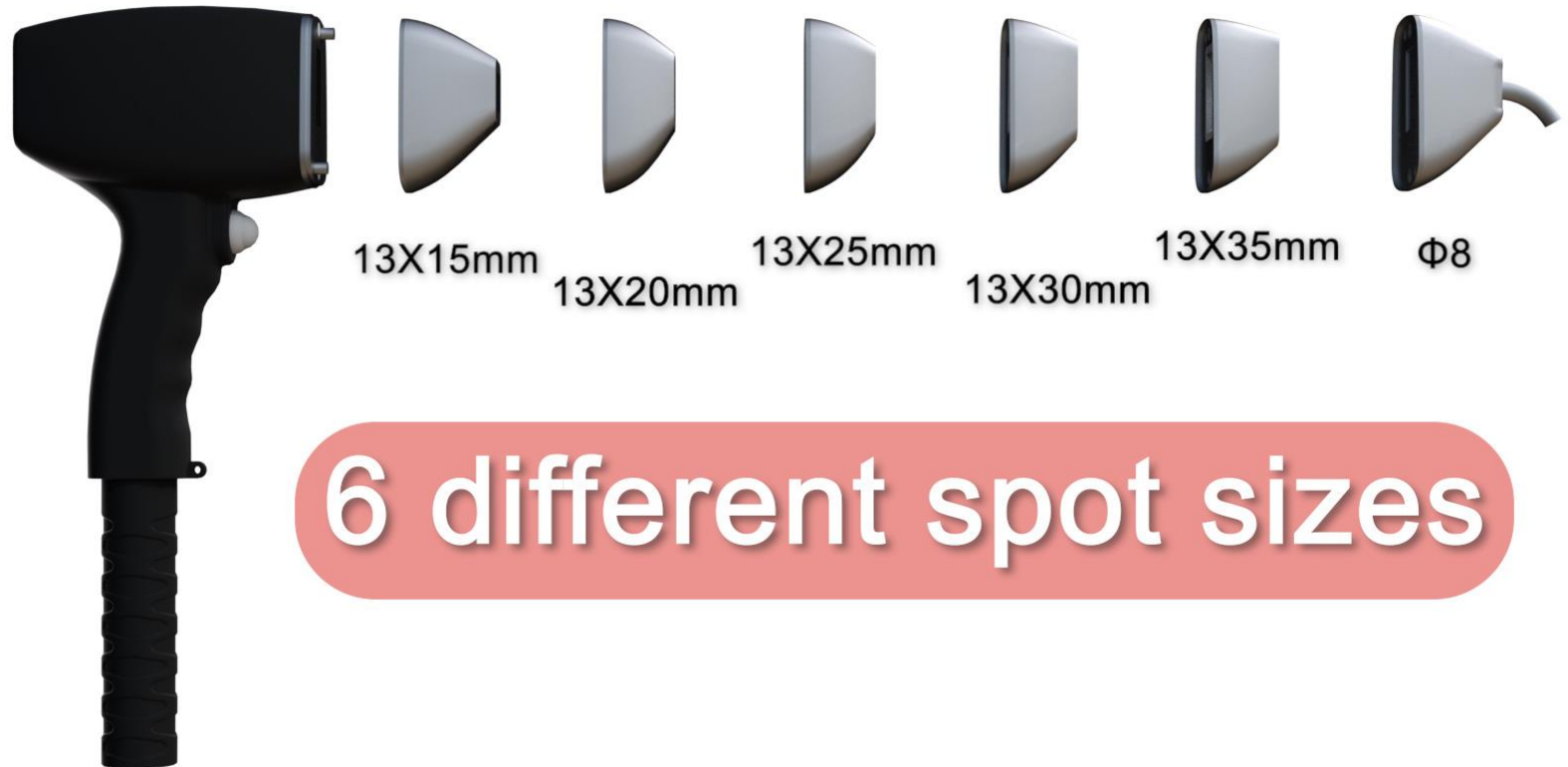


Titanium Laser

Specification

Machine Wave	808nm +755nm +1064nm+940nm Four wave
Laser Handle	One diode laser handle
Spot size	12*35mm2
Energy	1-260J
Pulse withd	1-260MS
Frequency	1-10hz
Laser bars	12 pcs(laser bars from USA Coherent company)
Screen	15.6 inch screen 4K screen
Laser power	1000W
Cooling	Air +water+ TEC cooling + semiconductor
Language	Any languages which you need
Crystal temperatuer	From 5 to -24 degree
Voltage	200-250V/60hz
Package size	68*60*140cm / 58*44*33cm
Gross weight	90KG / 11KG

6 Changeable heads



6 different spot sizes

The heads can be used for different area for treatment, and software will recognize the spot size when you connect it on handpiece.

Hair Analysis Head(optional)



The newest hair analysis handle can let clients know their hair situation more clearly, then provide a more accurate treatment parameter. It makes the treatment more easy

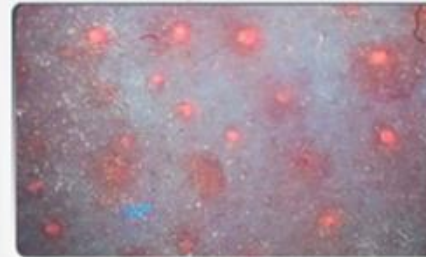
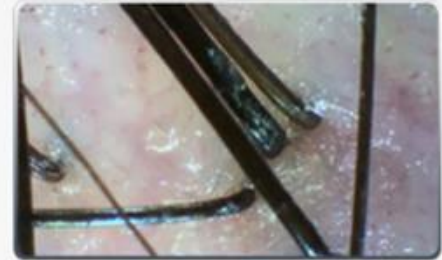


200 Times Magnification

200x scalp hair follicle enlargement

200x magnification
Can detect scalp fine analysis

NO.1



50 Times Trispectral

50x Three light Switching

Detecting surface/mesoderm/UV layer

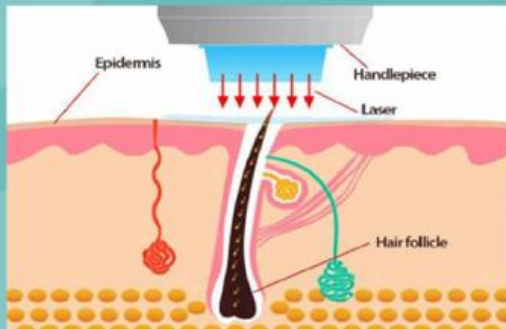
NO.2

Working Theory

Theory

The principle of diode laser hair removal treatment is based on selective photothermal decomposition. The melanosomes in the hair follicle can selectively absorb the energy of the laser. The laser energy emitted by the machine is easily absorbed by the colored hair follicle without damaging the epidermal tissue. The energy emitted by the laser is absorbed by the hair and the pigment in the hair follicle.

It is converted into heat, thus increasing the temperature of the hair follicle. When the temperature rises to a certain level, the hair follicle will be irreversibly damaged, and the hair will lose its original environment and be completely removed.



755 nm offers more powerful energy absorption by the melanin chromophore, making it ideal for light colored and thin hair. It targets the Bulge of the hair follicle and is especially effective for superficially embedded hair.

808 nm is classic wavelength in laser hair removal, the 808nm wavelength, offers deep penetration of the hair follicle with high average power, suitable for most skin types and hair types.



940 nm This wavelength provides better absorption by oxyhaemoglobin (coagulation of micro vessels that feed the hair root) and a moderate penetration depth that makes it suitable for treating all hair types. Melanin absorption is low, making it very safe for working with dark photo types.

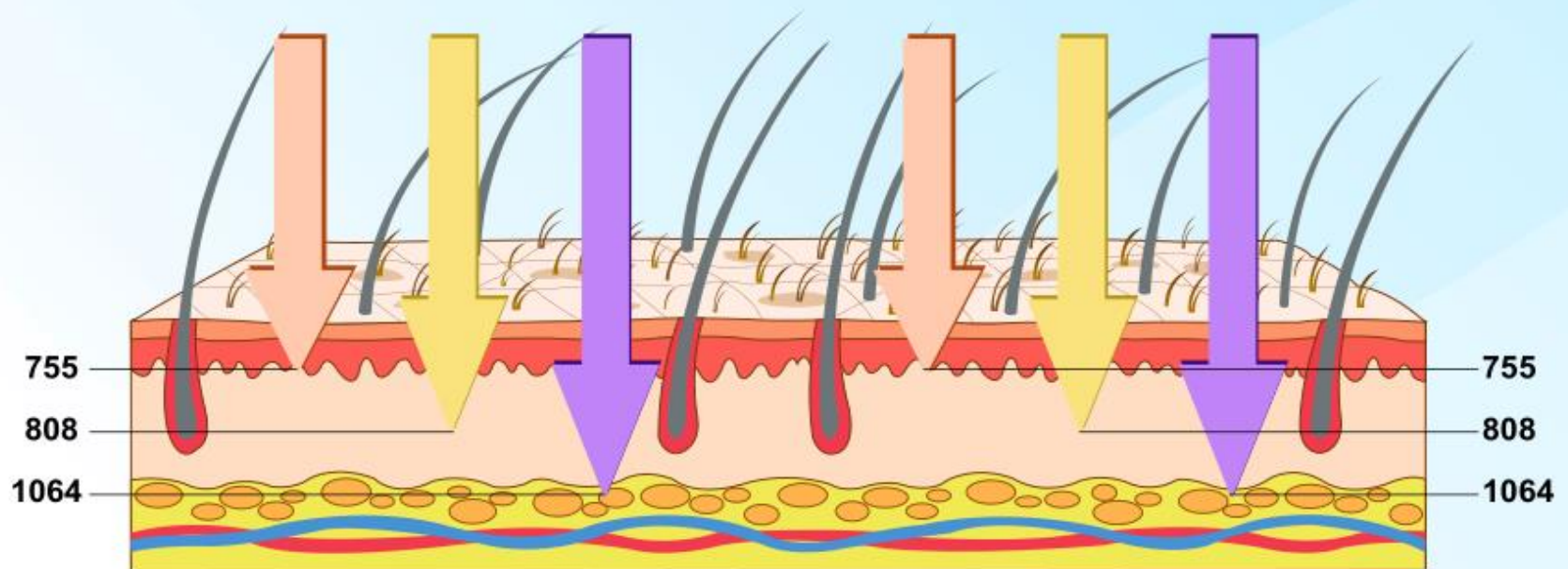
1064 nm wavelength is characterized by lower melanin absorption, making it a focused solution for darker skin types. At the same time, the 1064nm offers the deepest penetration of the hair follicle



300-1200W Single row laser

755 & 808 & 1064nm Multiple wavelength diode laser hair removal:
The first complete wavelength diode laser packaging technology,
and take multiple wavelength laser technology applied in the
beauty industry.

wavelength	integrated function	clinic advantage
755nm	Alexander laser	light hair on white skin
808nm	808/810nm Diode laser	all skin type and hair color
1064nm	YAG Long pulse laser	black skin hair removal



Advantages

1. Cooling System



1

VS



2

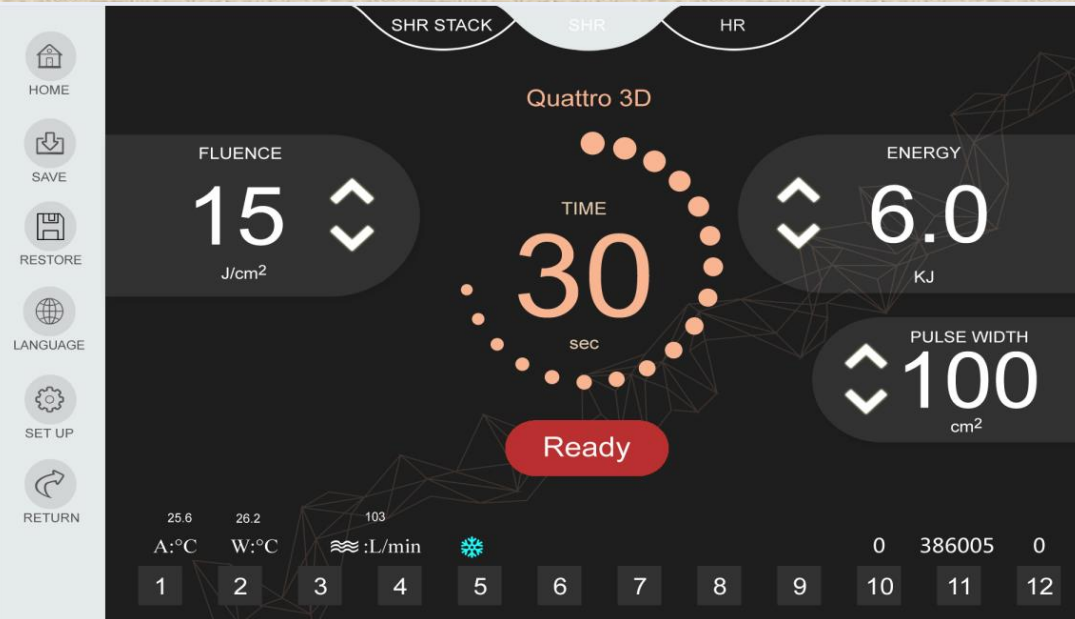
VS



3

Most advanced semiconductor thermal management cooling system.
The machine could work on a constant temperature environment around 25-28°C. This is the most suitable temperature for diode laser stack. Prolong the laser and machine life time, save cost.

2. Software



Three treatment mode. “SHR” is the simple treatment mode. “SHR STAC” and “HR” are professional mode



SHR Mode:
Simple treatment mode for beginners

HR mode:
Professional mode for beauticians

SHR stack mode:
Professional mode for doctors

Activate
the gorgeous transformation
of the skin! Professional
hair removal, ending anxiety
and troubles!



3. Filter System



Others

VS



Ours



- A: 0.1 micron double filter technology(one PP layer filter, one resin filter)
- B: RO(Reverse Osmosis) technology, DI water, ensure best water quality, prolong life of article palladium
- C: half year change one filter,

4. Diode Laser Array



755nm wavelength laser bar test data sheet from Coherent



808nm wavelength laser bar test data sheet from Coherent



1064nm wavelength laser bar test data sheet from Coherent

Golden laser bars

Original place of raw material

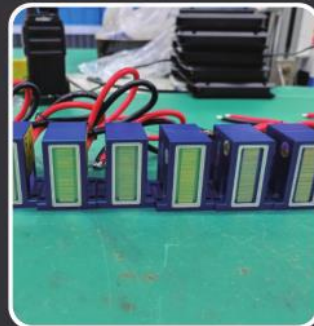
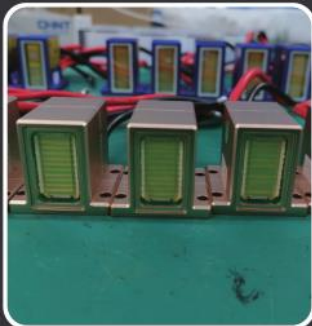
All of our laser bars have unique code, by the code, we can check the original place of the laser bars, the test report etc.

Each laser bar have it's quality test and make sure client can use without problem.



USA Imported Coherent Laser bar

50000000+ shots, can treat
20000+ clients
Make your beauty business
better and easier



Laser bars are imported from USA Coherent company

The diode laser array encapsulation by gold.
It is not easy to oxidize.

5. Connector and cooling



Germany imported connector, it's inside pins are made by silver.
The new connector can bear strong electric current than old one. Not easy to burn.
It's connection much closer and not easy to loose.

6. Accurate energy output



made energy meter. The max energy output can reach 321J. The handle spot size is 12*35, it's area is 4.2cm². Then we use $321 \div 4.2 = 76 \text{ J/cm}^2$, it is same as the Software Fluence 76J/cm².



Israel Ophir energy meter

FDA U.S. FOOD & DRUG
ADMINISTRATION



Report No.: 15096242 001

Products: Dermatological Diode Laser Systems

The Notified Body hereby declares that the requirements of Annex II, excluding section 4 of the directive 93/42/EEC have been met for the listed products. The above named manufacturer has established and applies a quality assurance system, which is subject to periodic surveillance, defined by Annex II, section 5 of the aforementioned directive. For placing on the market of class III devices covered by this certificate an EC design-examination certificate according to Annex II, section 4 is required.

Date: 2018-01-29



TUV Medical CE

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October 3, 2019

Certificate Number CN20/123456809

The quality management system of

Weifang KM Electronics Co., Ltd.

No.7999 Health East Street, High-tech District, Weifang City,
Shandong, 261205, P.R. China

Dun & Bradstreet D-U-N-S identification number: 65-443-3424

has been audited against the criteria stated below and found to conform to these criteria for the scope
contained in this certificate

MDSAP(ISO 13485:2016)

Subsidiary
Therapeutic Goods (Medical Devices) Regulations, 2007, Schedule 3 Part 1 (excluding Part 1 (b)) - Full
Quality Assurance Procedure (including design)
Canada
Medical Devices Regulations - Part 1308 (6/02)
United States
21 CFR 820 / 21 CFR 803 / 21 CFR 806 / 21 CFR 807 - Subpart A to D

For the following activities and devices

**Design, Manufacture and Distribution of Diode Laser Treatment System
for the areas of dermatology and plastic surgery**

This certificate is valid from
Effective Date: 2020-12-09 until Expiry Date: 2023-12-08
And remains valid subject to satisfactory surveillance audits.
Re certification audit due before 2023-09-11
Issue 1. Certified since 2020-12-09

Authorized by J Hall
Business Manager

Jonathan M. Hall

SGS United Kingdom Ltd
Ruscombe Business Park, Elkesmore Post, Chesham, CH5 3LN UK
t +44 (0)131 3006666 www.sgs.com

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