



MEDI-TECH SOLUTIONS

Diode Laser Hair Removal System



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Diode Laser Hair Removal System

## ■ Technology (Wavelength Options)



### 808nm (Standard)

Frequently-used and economic.

The classic wavelength in laser hair removal, the 808nm wavelength, offers deep penetration of the hair follicle with high average power, a high repetition rate for fast treatment.

### Tri-wavelength(Optional)

For the widest range of skin types and hair color.

Tri-wavelength combines 755nm 808nm 1064nm together, suitable for all 6 skin types and all colors hair. At the same time, each wavelength targets different structures of hair follicle.



### Changeable Spots(Optional)

Three changeable spot sizes, large at 12x18mm, medium at 12x12mm, and mini at 9x9mm, provide various hair removal solution for whole body.



Mini at  
9x9mm

Medium at  
12x12mm

Large at  
12x18mm



## ▪ Proven Clinical Results

Diode laser hair removal technology transports average energy deep into the dermis where the hair follicle grows. Diode laser with TEC assisted in handle provides safe and effective loss of unwanted hair for all skin types and hair styles.



Before & Post 5 Treatments in 4 months

Before & Post 5 Treatments in 4 months

Before and Post 4 treatments in 4 months



Before & Post 5 Treatments in 4 months

Before & Post 4 Treatments in 3 months

Before & Post 6 Treatments in 5 months

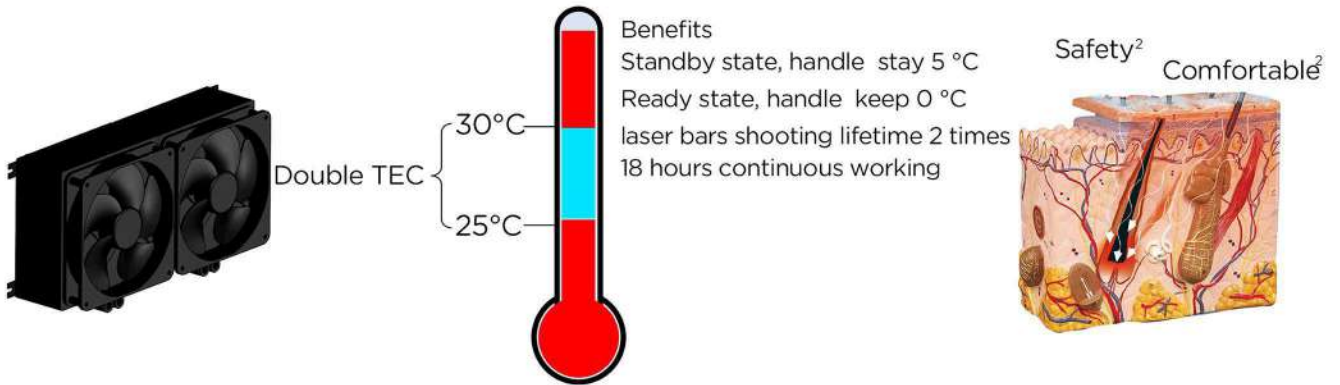
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# Advantages

## Safe and Comfortable, Double Benefits

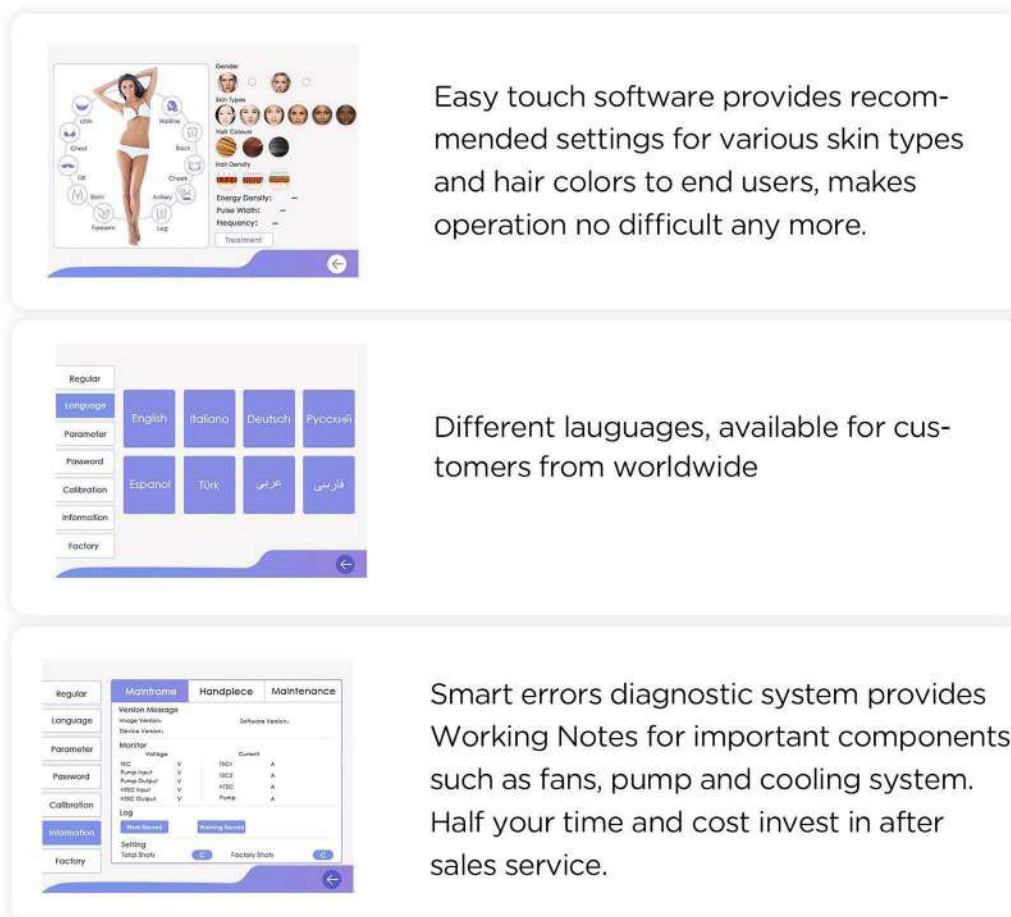
Double TEC Active Cooling Modular brings twin cooling effects. Double TEC starts working when water temperature is above 25°C, to make sure water temperature between 25°C and 30°C, and pure sapphire cool enough. In this case, the safest and most comfortable treatment is available. Super long continuous working time will double your business.



The diagram illustrates the Double TEC cooling system. On the left, a black rectangular unit with two fans is labeled "Double TEC". A thermometer in the center shows a temperature range from 25°C to 30°C. To the right, a cross-section of human skin is shown with a laser bar and a cooling element, labeled "Safety<sup>2</sup>" and "Comfortable<sup>2</sup>".

**Benefits**  
 Standby state, handle stay 5 °C  
 Ready state, handle keep 0 °C  
 laser bars shooting lifetime 2 times  
 18 hours continuous working

## Easy Touch and Intelligent Diagnostic System



The software interface is shown in three screenshots:

- Top Screenshot:** A user selection screen with a female figure and various skin type and hair color options. Text: "Easy touch software provides recommended settings for various skin types and hair colors to end users, makes operation no difficult any more."
- Middle Screenshot:** A language selection screen with buttons for English, Italiano, Deutsch, and Русский. Text: "Different languages, available for customers from worldwide"
- Bottom Screenshot:** A diagnostic screen showing system status for Mainframe, Handpiece, and Maintenance. Text: "Smart errors diagnostic system provides Working Notes for important components such as fans, pump and cooling system. Half your time and cost invest in after sales service."

# ■ Technique Specification

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Laser type	High power diodes
Wavelength	808nm Standard <small>755+808+1064nm Tri-wavelength optional Changeable Spot size 9*9, 12*12, 12*18 optional</small>

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Spot size	12*12mm <sup>2</sup>
Repetition rate	up to 10HZ
Fluence	10-125J/CM2
Pulse width	10-400ms
Peak power	2500W
Platform specification	100-240VAC 12A MAX/50-60HZ
Net Weight	27KG
Dimension	397mm*357mm*463mm

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## **ABOUT US:**

Medi-Tech Solutions is one the leading suppliers of Diode Laser, IPL, Velashape, ND-Yag Q-switch Laser, CO2 Fractional Laser, and Cryolipolysis solutions for aesthetic and medical markets.

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