

CE 0197

Combination of 3 wavelength
(755nm,808nm and 1064nm)
painless diode laser hair removal



FG 2000-D



ISO 13485



ROHS



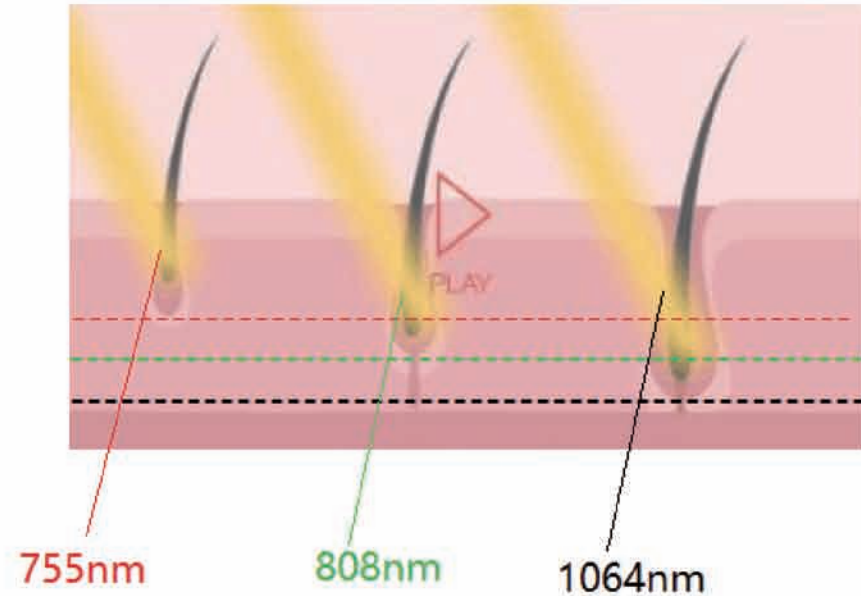
CFDA

FDA

Theory

During the laser hair removal treatment, light passes through the skin and is absorbed by the melanin in the hair shaft. This absorption raises the temperature of the hair follicle and thermally destroys the cells responsible for regrowth.

Triple wavelength laser spots work together



Features of FG2000-D

- ▶ **The combination laser with 4 bars 1064nm, 3 bars 808nm and 3 bars 755nm. It can treat all skin types hair removal, and the effect is much better than individual laser. Preheating, hair removal and assist are doing at the same time, more effective and comfortable**
- ▶ **Permanent hair removal of all color hairs on all 6 skin types, including tanned skin**
- ▶ **High efficient: 1- 10Hz(10 pulses-per-second), with in-motion treatment**
- ▶ **Sapphire contact cooling technology, PAIN-FREE hair removal**

Scientific internal structure, provides constant temperature environment to the bars, prolong the handle's life span.

Humanized handpiece design, save more effort of operator, and avoid accident happened during long time treatment.

- 1. Premium German laser bar
- 2. Power: 600Watt
- 3. 10 pcs laser bars

100% Japan imported

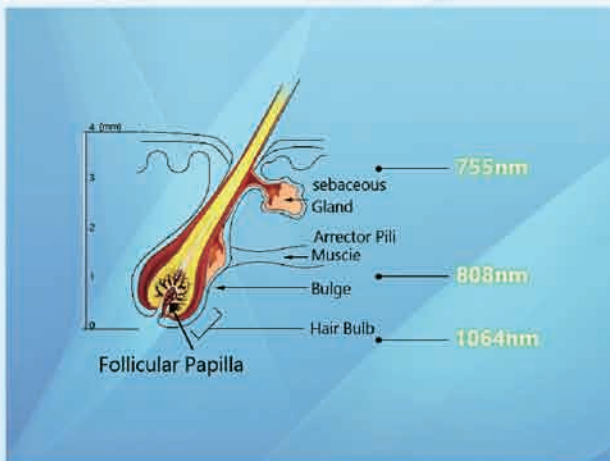
100% Germany imported



1. Quick American-made “plug-and play” connection plugs, 2 millions times to plug-in/plug-out, long lifespan.
2. Advanced US technology, separately water and electricity automatically, very safe.

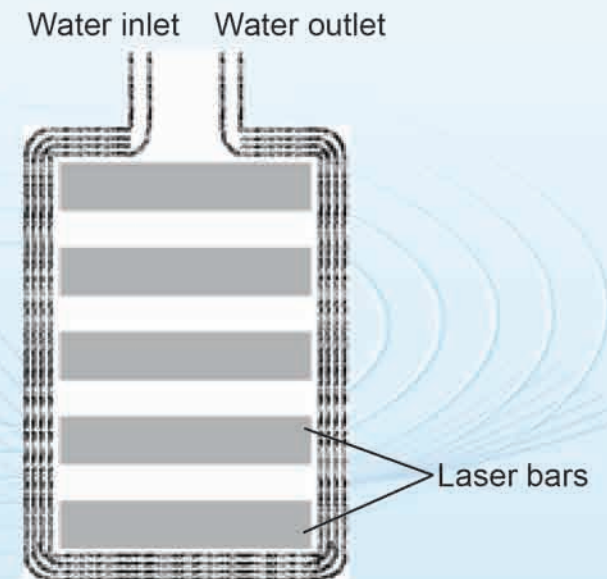


1. User-friendly software, background parameter setting, easy operation.
2. 4 protection systems, high security for patients, operator and machine.



1. American-made radiators, improves the efficiency of refrigeration 2 times.
2. Constant cooling system, keeps water temperature to 26-28 °C all the time.
3. 24 hours working continuously.
4. Chill tip technology keeps the tip at 0-3 °C in treatment, no pain and more comfortable.

Macro-channel water cooling diode laser



The spot size, the bigger, the better?



$$\text{Energy(J/cm}^2\text{)} = \frac{\text{Power(W)} \times \text{Pulse duration(Sec)}}{\text{Dimensions (cm}^2\text{)}}$$

Specifications

Laser type	Diode laser
Laser wavelength	755nm, 808nm&1064nm
Display	15" color touch LCD display
Output power	1500W
Spot size	13 x 16 mm ²
Pulse width	8-685 ms adjustable
Energy	2-120 J / cm ² adjustable
Frequency	0.5-10 Hz
Cooling mode	close-cycle water cooling
Cooling	water + air + semiconductor
Temperature of probe	0~3°C
Dimension of machine	59*59*146cm
Dimension of package	70*70*126cm
Net weight	45 kg
Gross weight	61 kg
Voltage	AC 220V/50Hz;AC 110V/60Hz
Packing	Aluminum alloy case



