

808nm Diode Laser

- ▶ Big spot size 2.4 cm² with high energy 48~168J, 20~70J/cm² output
- ▶ 15 inch capacitive screen with humanized system
- ▶ Big water tank+pure copper condensor+4 big power fans cooling non-stop 12 hours working



Technical Specifications ▼

Laser type Semiconductor laser(diode laser)	
wavelength	808 nm
Output Mode	pulse output
Control Method	Touch control
Screen Size	15 Inch
Spot Size	12*20 , 2.4 cm ²
Energy Density	48~168j , 20~70j/cm ² (Deviation≤±2%)
Pulse Width range	5-400ms
Frequency	1-10HZ
Light Spot surface temperature	0-30°C
Cooling System	Semiconductor+built-in water+Air Cooling triple cooling systems
Dimension	600*360*300mm
Net Weight	20kg
Fuse Specification	Ø5×2510A
Input Power	1800W
Input Voltage	AC220V±10% 10A 50HZ , 110v±10% 10A 60HZ

Machine Details ▾



15 Inch Big Touch Screen



Humanized & Protective Design



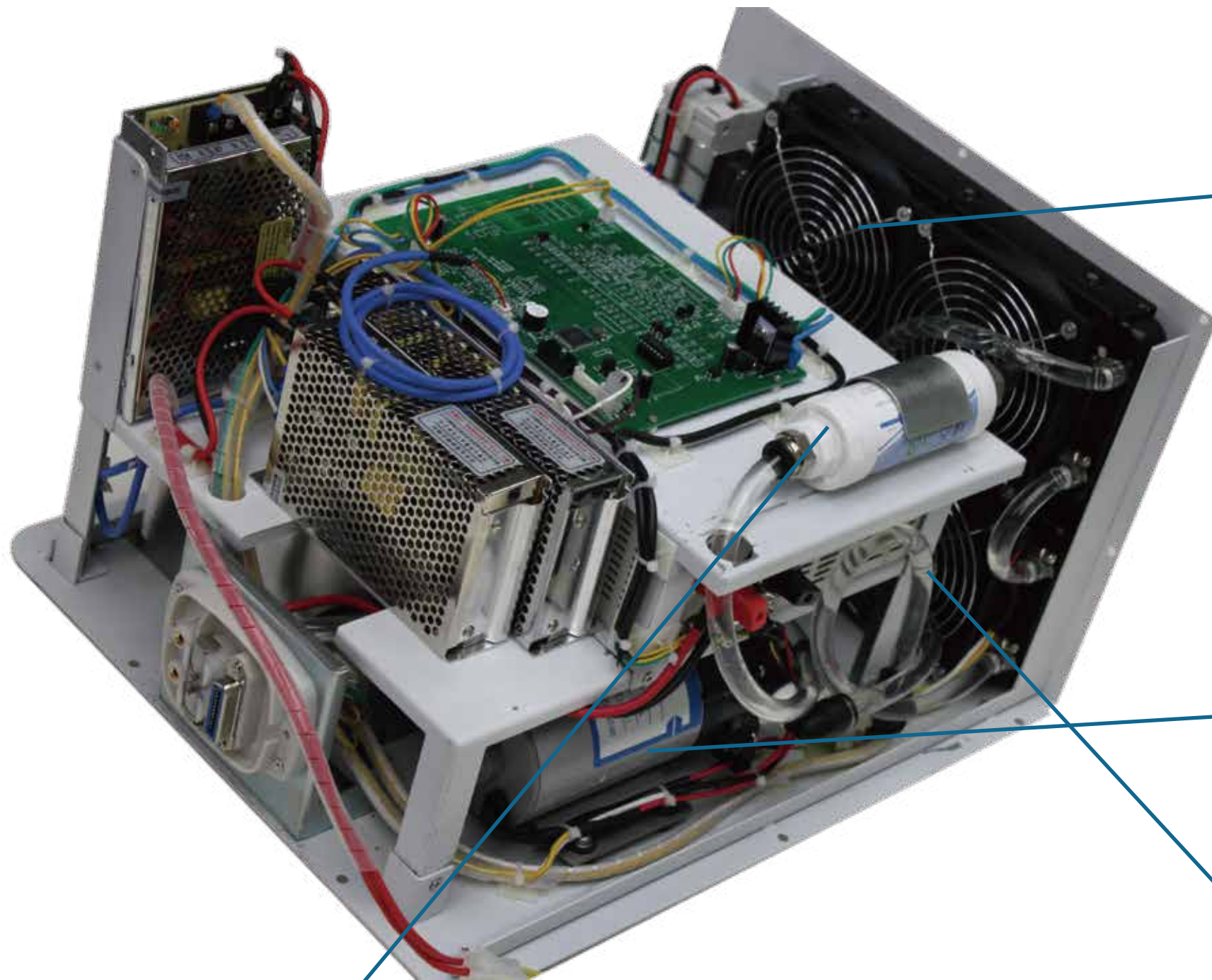
Fans and pure copper radiators strong cooling system



Metal Wiredrawing Holder

Machine Details ▾

Module design, more stable and easier for maintenance



4 copper radiator with 4 big power fan better wind heat dissipation



High pressure pump with 6L water tank ,more water flow better water heat dissipation

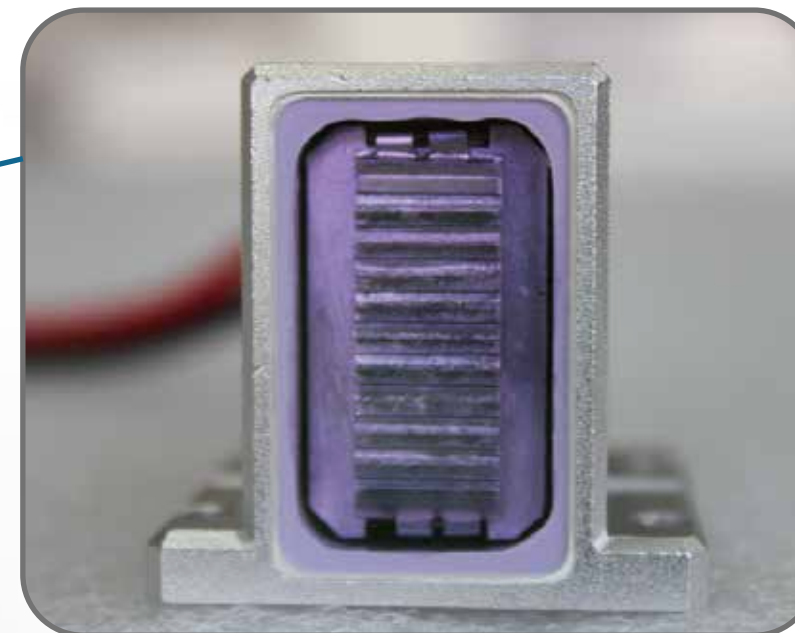
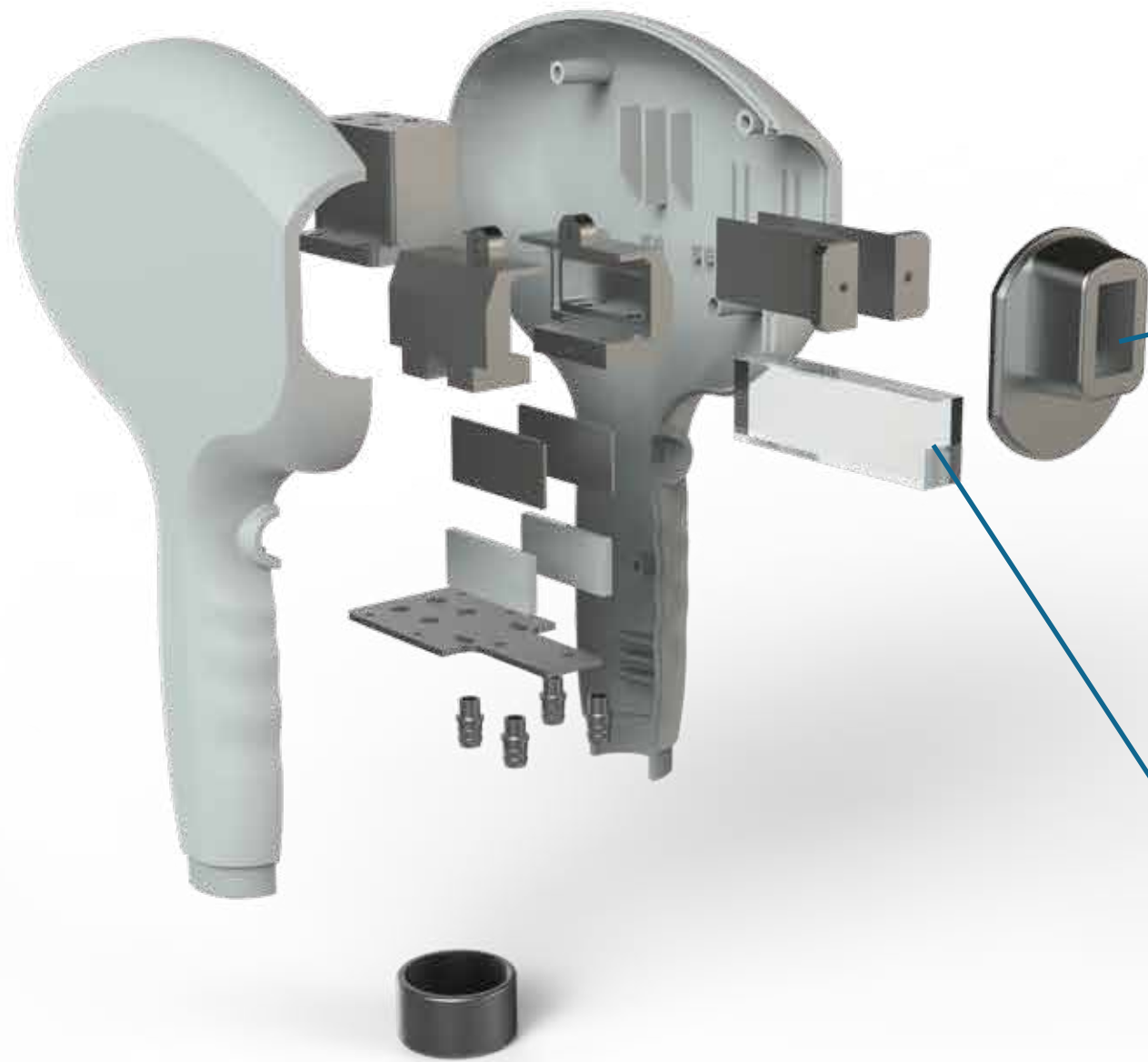


Ion Filter with impurity filter keep clean water circulation prolong machine's working lifetime .



High quality antiseptic rigid plastics, more durable and better for water circulation

Handle Details



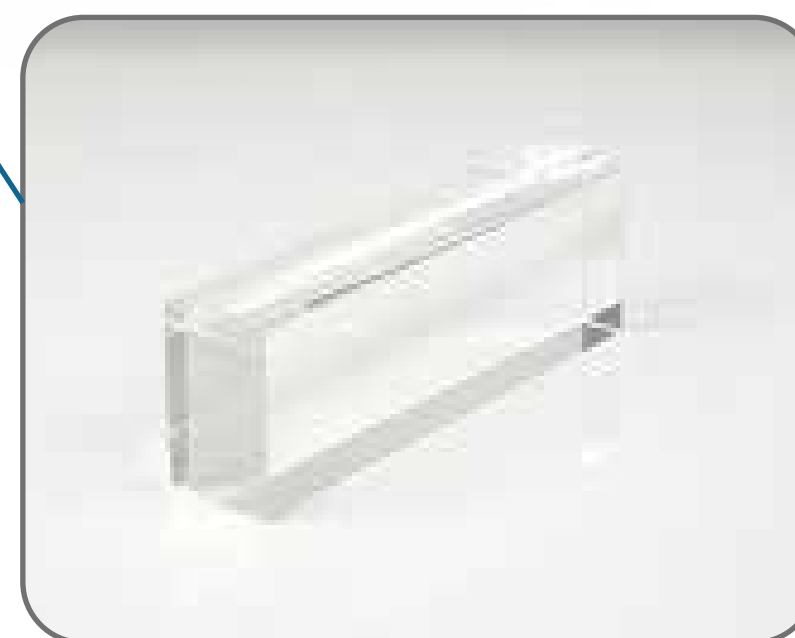
600W output handle with 10 Germany laser bars ,48~ 168J energy



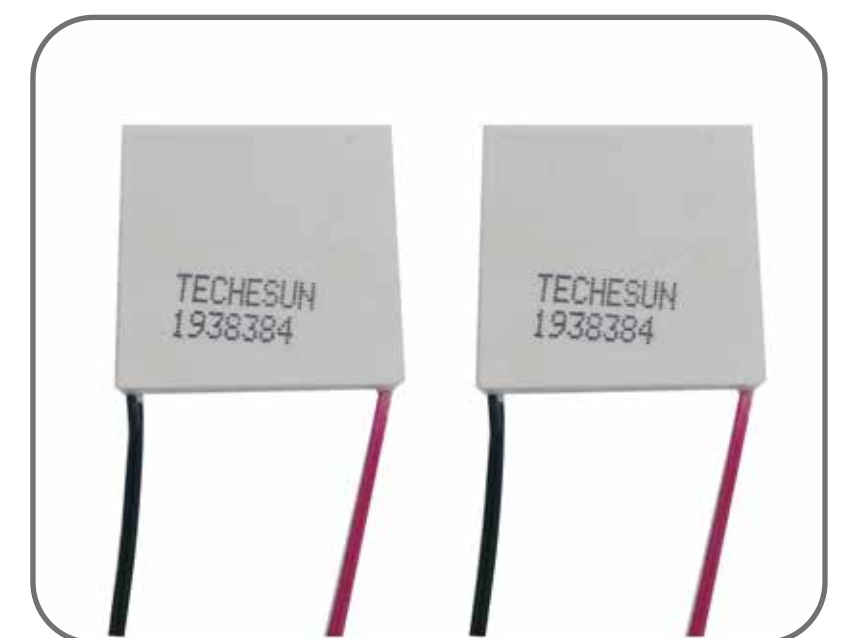
2.4cm² big spot with energy density 20~70j/cm²



Humanized fits design



Sapphire Crystal



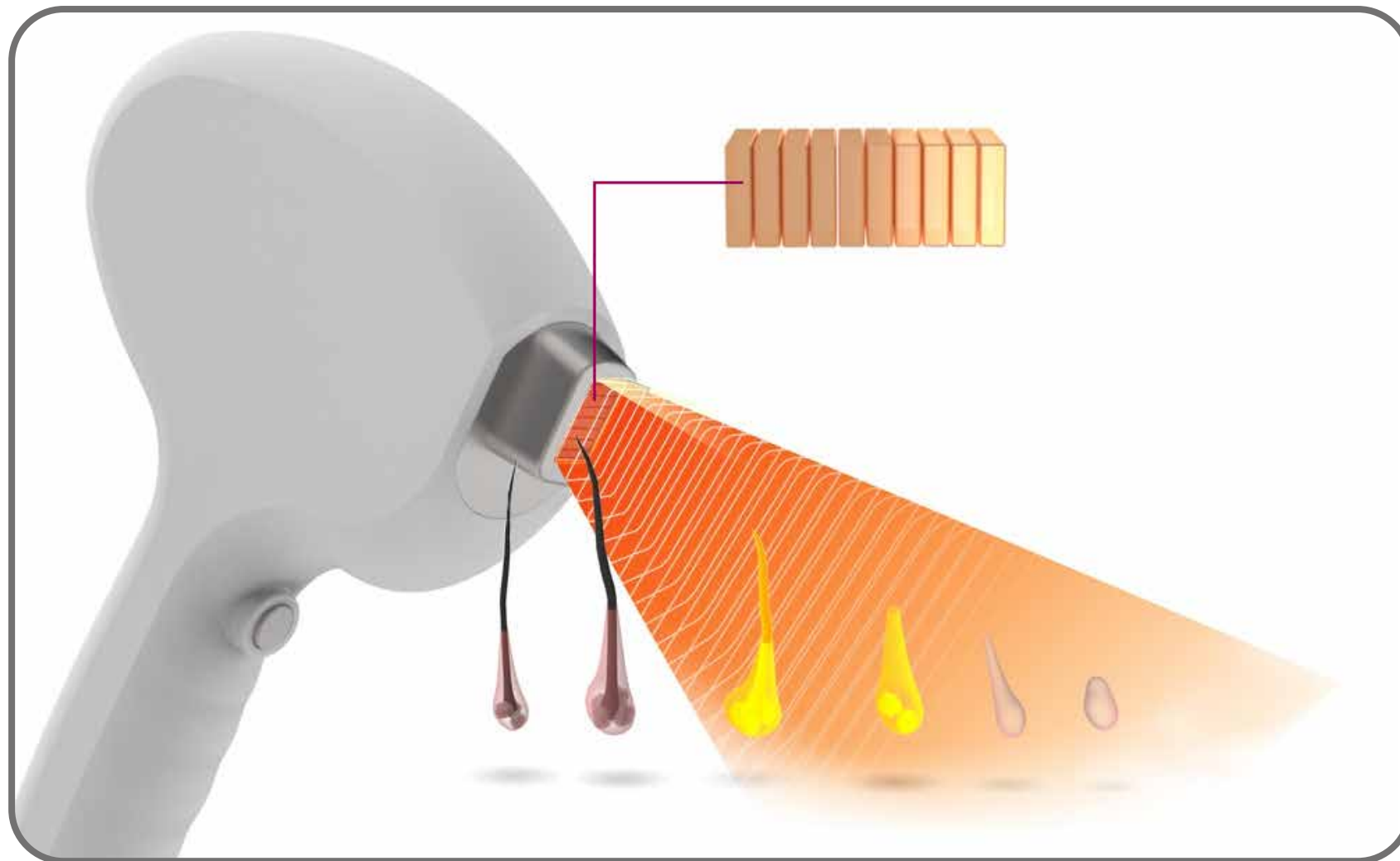
Double-deck Peltier Cooling , keep 0 C° comfortable touch cooling

Operation system ▼

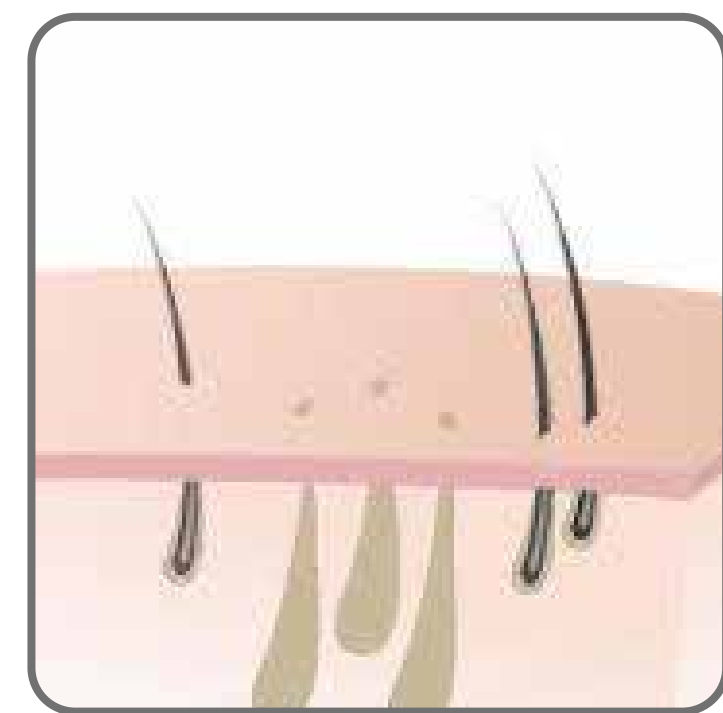
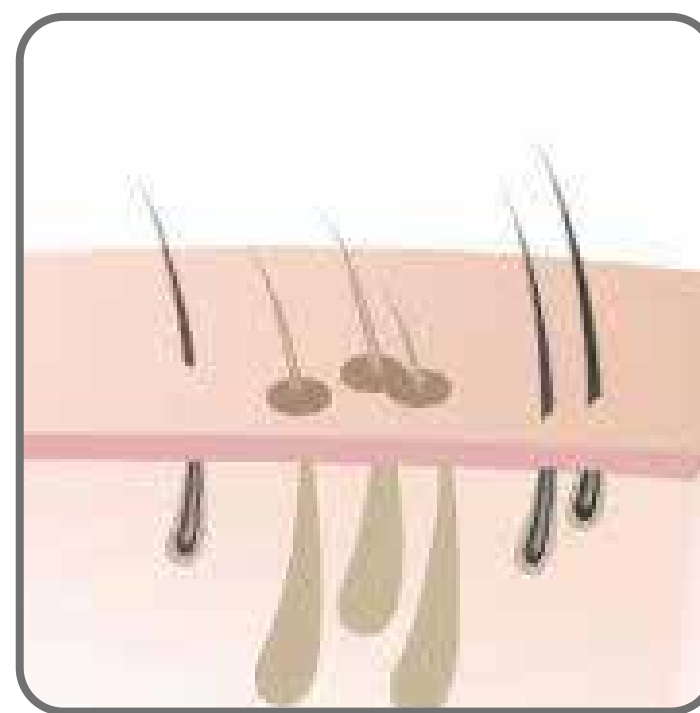
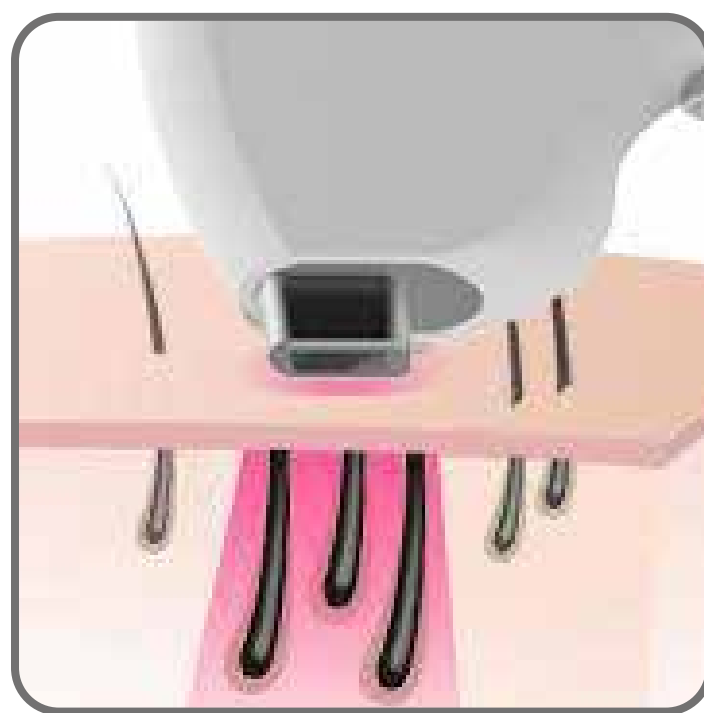
1. Turn on the machine waiting loading. Logo design and different language available.
2. Choose gender Man/Woman and skin type I to V.
3. Choose treatment area, suggested parameters offered.
4. Start working.



Treatment Principle ▼



Lasers and light sources use the principle of selective photothermolysis to eliminate hair and its potential regrowth without damaging the surrounding skin. During a 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. The attributes of the 808nm light (wavelength, pulse duration and power) are chosen to ensure damage to these cells and not to the rest of the skin .



Treatment Step



Step 1 : Patch Test

Our laser technicians begin with the procedure by doing a patch test 48 hours before your treatment. This test is to determine if your skin exhibits an allergic reaction. 95% of our patients do not get any sort of reaction.



Step 3 : Applying Gel

The therapist will apply cooling gel on the area being treated to help cool and glide the laser.



Step 5. Duration of the Process

The average time taken is 20 minutes for the face and 5 minutes for the underarms. For bikini it takes on average 15 minutes whereas for legs and back (where there's significantly more area) it takes 45 minutes to an hour. On average, you'll probably need 4 to 6 treatments, every 4 weeks a treatment. However the number of treatment may vary with your skin type, skin colour and hair growth.



Step 6. Post Treatment Care

Apply aloe Vera or hydrocortisone cream to treatment areas to ease temporary discomfort. Ice packs may also be used if swelling occurs. Strictly avoid any sun exposure for at least 2 weeks after the laser hair removal treatment, as the treated area will be more prone to sun-burn and pigmentation change. Keep the area covered and use a sunscreen with a 30+ protection whilst outdoors.



Step 2 : Shaving the Area

Make sure you shave the area the night before for your skin to be less sensitive to the laser.



Step 4. Laser Safety Goggles

In order to carry the procedure safely, both clients and operators will be given a protective eye wear similar to the ones in the picture.

Treatment scope and results ▾



Before & After



5~8 session with 1 month interval permanent Removal