

SEMICONDUCTOR LASER HAIR REMOVAL MACHINE

Innovative ultra-fast freezing point hair removal hair system, comfortable, painless and clean



14 inch touch screen

Sapphire treatment head

-20°C High efficiency refrigeration

Semiconductor refrigeration system

Energy accuracy up to 90%

24 Hours working ability

Technical Principle:

Pilotage-400 uses standard laser with a wavelength of 808nm-810nm. The semiconductor laser emits near-infrared light waves, which can penetrate deep into the root of the hair follicle, heat the pigment and spread throughout the hair follicle. It can not only accurately destroy the hair follicle, but also not cause damage to adjacent tissues, and permanently remove hair.

Advantages:

1. Sapphire treatment head, can cool the skin to 0-5°C, comfortable and painless.
2. Using well-known American brand palladium strips, with more than 100 million light releases.
3. TEC cooling system and intelligent temperature monitoring sensor. The instrument can be operated continuously for 24 hours.
4. Dual layer filter element, effective removal of water ions and impurities to protect the laser.
5. 14 inch HD touch screen, USB interface for easy remote online upgrade.
6. Intelligent operating software reduces human error, and the movement module is designed for easy maintenance.



600W Laser: Small size and light weight are convenient for doctors to use for a long time



1200W Laser: Effective and time-saving for large treatment areas

Technical Parameters:

Model	Pilotage-400A	Pilotage-400B	Pilotage-400C
Wavelength	808nm±10nm (standard), (755nm,755+808nm,755+808+1064nm optional)		
Laser Power	600W 1200W	600W	1200W
Spot Size	10*10nm; 10*25nm	10*10nm	10*25nm
Pulse Length	5~400ms		
Energy Density	5~50J/cm ² (Continuous adjustable)		
Frequency	1~10Hz		
Refrigeration Temperature	-20°C		
Cooling Method	Closed internal circulating water cooling, semiconductor cooler cooling and air cooling		
Power Supply	AC220V±10% 50/60Hz, 110V±10% 60Hz(optional), 2000VA(2000W)		
External Size (W*D*H)	480*560*1370mm		
Net Weight	65KG	60KG	
Package Size (W*D*H)	580*755*1260mm		
Gross Weight	82KG	77KG	