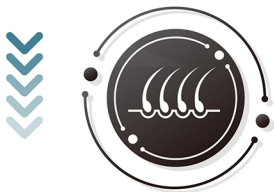


## FLEX-808



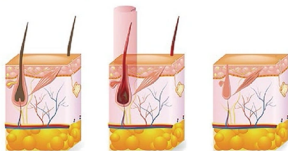
## FLEX-808

### ***SUPER MIX DIODE LASER HAIR REMOVAL SYSTEM***



**FLEX-808**

### ► Theory



The Terminator 808-S16 system uses a 808+755+1064nm hybrid wavelength laser to penetrate into the hair follicle. According to the principle of selective light absorption, the laser can be preferentially absorbed by the melanin of the hair, then heat the hair shaft and hair follicles, and destroy the hair to achieve a good therapeutic effect!

### ► Advantages



1 1000-1600W laser power, one wavelength & Mix wavelength Choose



2 Small handpiece design



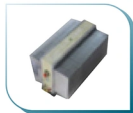
3 Strong metal locking connector



4 High purity filtration



5 10\*20 big size



6 TEC water cooling system



5 3-6 °C cooling constant temperature



6 Telescopic folding arm

## ► Parameter

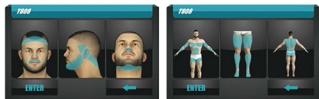
| SL | Name                     | Detailed data                                                                                     |
|----|--------------------------|---------------------------------------------------------------------------------------------------|
| 1  | Laser wavelength         | 808nm & Mix (755+1064+808nm)                                                                      |
| 2  | Laser power              | 1600W                                                                                             |
| 3  | Laser Bar number         | 10unit                                                                                            |
| 4  | Sapphire Size            | 10*20mm                                                                                           |
| 5  | Energy                   | 1-120J/cm <sup>2</sup> (HR Mode) Hair removal<br>20J/cm <sup>2</sup> (FHR Mode) Fast hair removal |
| 6  | Repetition Frequency     | 1-10HZ (HR mode)<br>10HZ (FHR mode)                                                               |
| 7  | Handpiece Cooling System | TEC cooling + Water cooling + Real-time monitoring                                                |
| 8  | HD Cooling control       | Constant Control 3-6 °C                                                                           |
| 9  | Display                  | 15-inch touch control screen                                                                      |
| 10 | Display rotation angle   | 0-180 °C                                                                                          |
| 11 | Water System Cooling     | TEC cooling + Water cooling + Real-time monitoring                                                |
| 12 | Laser Emitter Protection | Overcurrent, overvoltage, overload, power failure, water flow, water pressure, water level, etc.  |
| 13 | Continuous working time  | 24 hour                                                                                           |
| 14 | Filter System            | Medical filtering system+ Real-time monitoring                                                    |
| 15 | Machine Power            | AC 230V±10% 15A 3000W                                                                             |



## ► Application advantages

### Smart Control System

Smart screen system; 108 treatment programs, removal experience, various skin types, smart choices



### The screen that can be folded and dragged

The operator doesn't have to move the machine back and forth, easily drag the screen to any angle, easier to operate



**808nm** wavelength, ordinary hair treatment effect is good



**755nm** wavelength, fine hair treatment is good

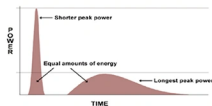


**1064nm** wavelength, strong hair treatment effect is good,

### Pulse width below 100ms (TRT)

Less than 100ms Thermal Relaxation Time (TRT), truly effective and minimal pain

With pulses of the same energy, shorter pulses have more peak power than longer ones.



Peak Power