

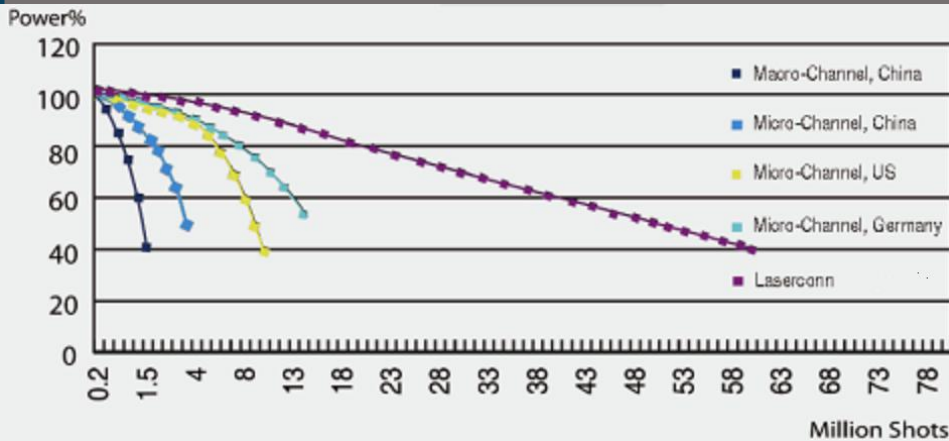


VCSEL Diode Laser Hair Removal System

Model: SUPER

Stable . Reliable . Innovation

Life Time Compare



Long lifetime up to 50 million shots

Low energy degradation,
80% energy left after 23 million shots

TOP Quality Components



 aquatec Water pump from U.S.A., same as Alma laser

 EMERSON Process Management Emerson power supply

Handpiece tube from Japan,
same quality as Alma laser

2pcs double thicker TEC (peltier),
double strong cooling

Medical CE approved

Tech	Laser bar Macro/Micro channel	Laser chip VCSEL (Surface emitting)
Photo		
Lifetime	5-15 million shots	Up to 50 million shots
Max Work Temp	40-45°C	80-85°C
Deionized Water	Necessary	Not necessary
Heat Stree	High heat stress. Heat very concentrated in Emitters (6sqmm)	Very low heat stress. Heat despatched at whole chip surface (20-25sqmm)
Output Facet Design	Coating, has optical damage threshold	Gratings, no optical damage threshold
Current Inrush	Strictly Forbidden, can cause defect	No defect in short time
Power Degradation	Unpredictable and clinical unsafe	Linear and predictable, clinical safe

- 1 Long lifetime**
> 50 million shots

- 2 Super cooling to -10°C**
2 TEC design, double thicker TEC

- 3 3 waves optional**
755, 808, 1064nm available

- 4 2 spots optional**
14*14mm classical
14*23mm for fast treatment

- 5 5 kinds High power**
800, 900, 1200 optional



- 6 Light Weight**
Only 400-500g, long time operation no tired.

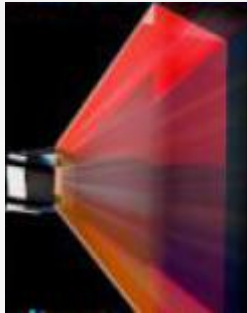
- 7 Quality Connector**
Inside same structure with Alma, no loose.



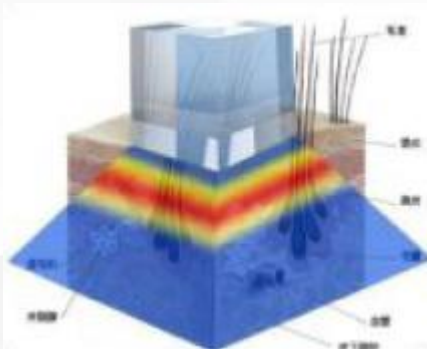
Small Divergence angle, enhance clinical effect

Emitting area is a uniform rectangular spot, divergence angle very small.
Leads to deep penetration depth, and much better treatment result.

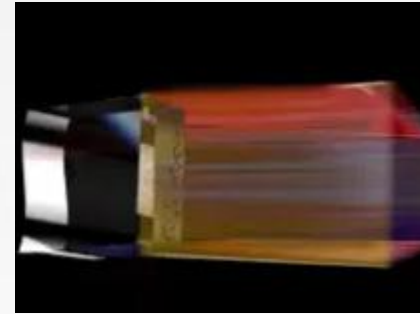
Channel laser bar



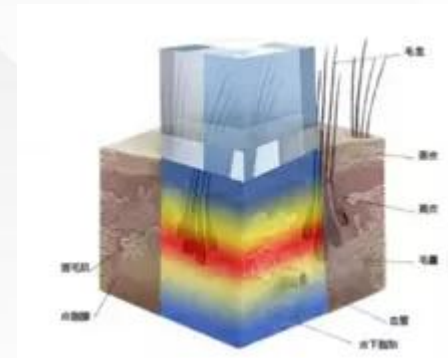
Big divergence angle lose lots energy



VCSEL laser chip



Divergence angle only 15°



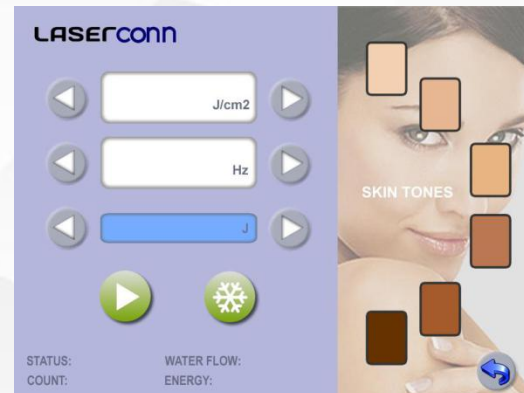
Deeper penetration depth for better result

Simple software, easy operation

Male, female applicable

Suitable for all 6 skin types

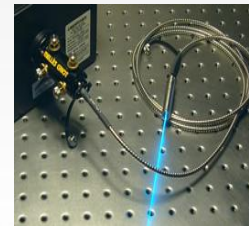
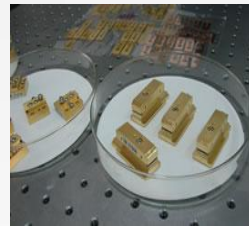
OEM/ODM customize available





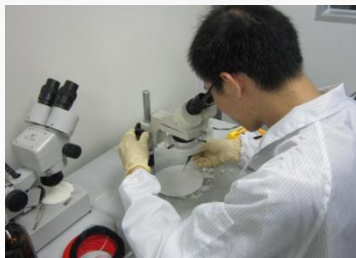
Item	Wavelength
Wavelength	810nm, other wavelength optional
Laser Power	800W, higher power optional
Pulse Width	5~200ms
Frequency	1~10Hz
Energy Fluence	0~100J/cm ²
Skin Cooling	2TEC+Sapphire, -10 to 5°C
Laser Window	14x14mm
LCD Screen	8.4 inch Touch LCD
Input VAC	110/220VAC / 50-60Hz
Dimension	48 x 55x 115cm
Weight	43KG





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