

Lasers for Life-Science
& Medical Applications

Laser Hair Removal



Actively Cooled Laser Diode

Long pulses, high energy, cost effective

Actively cooled module delivers **Long pulses**. Powered by our patented Clamping technology, providing no “SMILE”, higher brightness and longer life time. Light weight, with or without Optics.



Ergonomic, light-weight

Non-soldered laser bars – CLAMPING™ Tech inside

Efficient cooling system due to the macro-channels NO wáter obstruction

Long life-time

High reliability

Low thermal resistances

Technical parameters

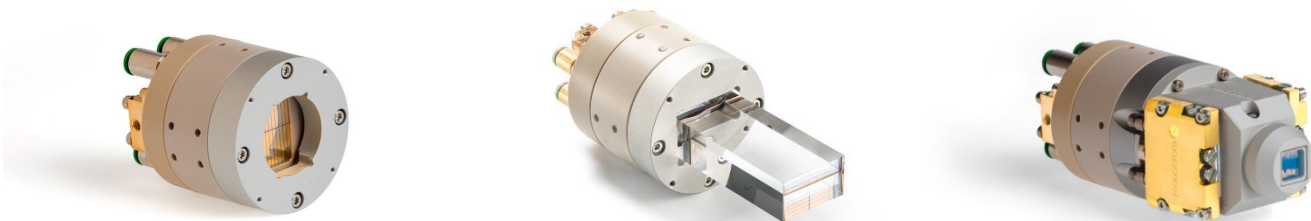
Peak wavelength	760/808/940/1064 nm single or mixed
Power	up to 5000 W (for specific wavelength)
Pulse Width	Up to CW (reduced current)
Repetition rate	Up to CW (reduced current)
Optical transmission efficiency	up to 90%
Spot size	1 – 2 – 6 – 8 -10 cm ²
Weight	< 290 g
Variants	Encapsulated stack, Stack + Prism, Stack + TIP



Passively Cooled Laser Diode

High peak power, high energy, cost effective

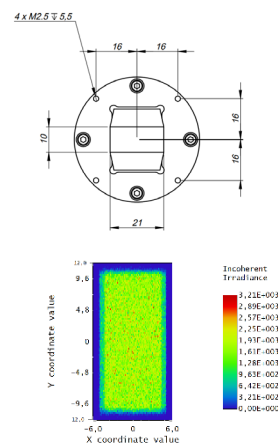
Passively cooled module delivers **High Peak Power**. Powered by our patented Clamping technology, providing no “SMILE”, higher brightness and longer life time., with or without Optics.



Technical parameters

Peak wavelength	760/808/940/1064 nm single or mixed
Power	up to 10000 W or specific wavelength)
Pulse Width	up to 200 ms (reduced current)
Repetition rate	Up to 12 Hz (reduced current)
Optical transmission efficiency	up to 90%
Spot size ^{***]}	7x7, 8x8, 9x11, 9x18, 10x21, 10x25, 10x9, 12x14, 12x30, 13x14, 15x25, 25x14
Weight	< 500 g
Variants	Encapsulated stack, Stack + prism, Stack + TIP

***Customized optics available on request



outline and homogeneity of module 3600W 21x10

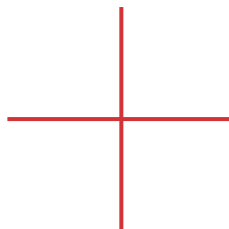
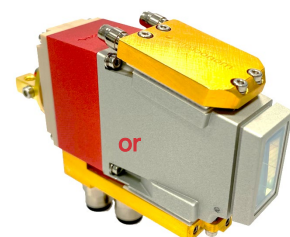
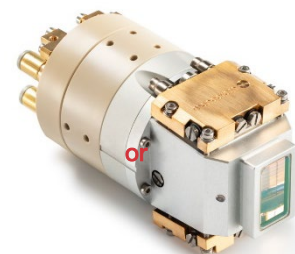
Need assistance ?

We can help you, from the early beginning

Monocrom can assist you with:

- 1 Electronics
- 2 Optics
- 3 Tips

Just let us know what you need, we are certain to reach to a suitable solution.



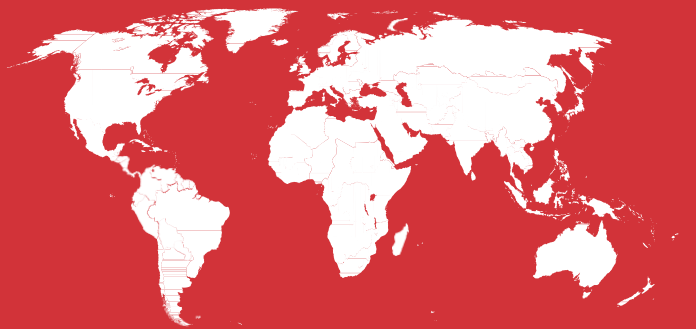
OEM Laser Solutions for Dermatology and Aesthetics

Monocrom has more than 30 years of experience and expertise delivering laser solutions for the Dermatology and Aesthetics markets. We adapt to customers needs, offering a high degree of flexibility and versatility for their most demanding applications.

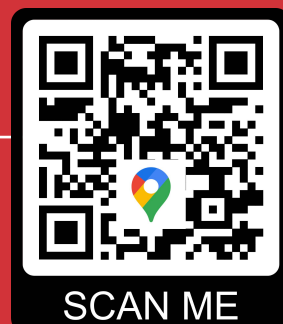


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We are global



SCAN ME