

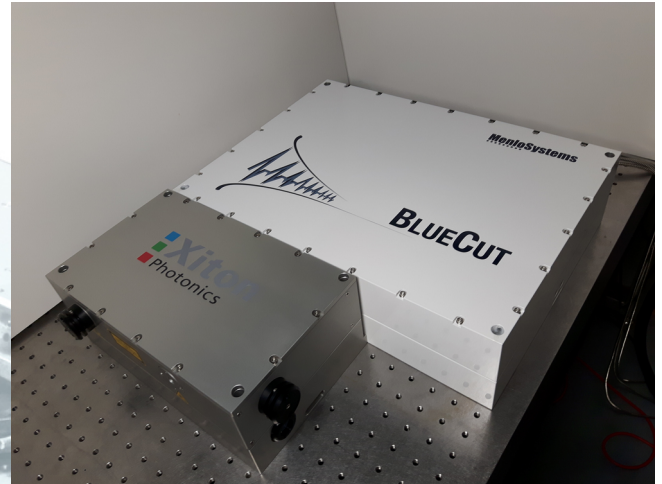
Xiton Harmonic Box for Menlo Systems BlueCut femtosecond lasers

General Description

The Xiton Harmonic Box (XHB) is an add-on frequency conversion module for the Menlo Systems BlueCut femtosecond laser systems. It is capable of converting the fundamental wavelength of the laser (1030 nm) to the green (515 nm) both of them being emitted through a separate beam exit.

The sealed box is flanged to the laser head and controlled via RS232 interface and a GUI.

The device provides maximum flexibility for users, being able to choose the most appropriate wavelength for different kinds of material being processed. The versatility makes the whole system especially interesting for process developments in application laboratories.



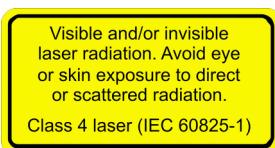
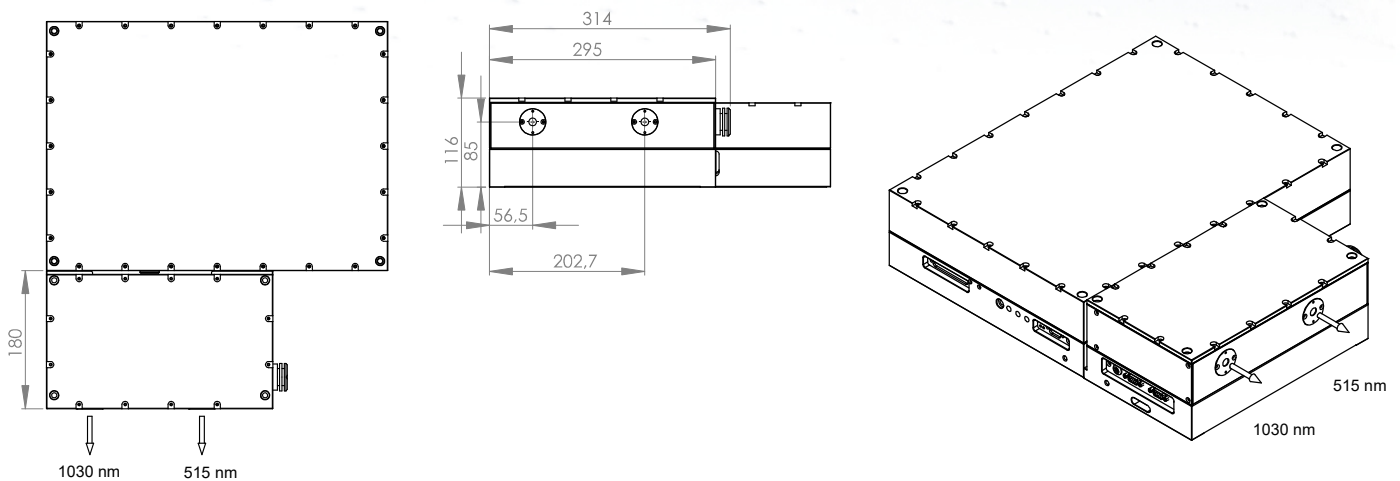
Product Specifications

Model	XHB-M	
Wavelength [nm]	1030	515
Output power [W]	> 9,5	> 4
pulse duration [fs]	< 400	< 400
M ²	< 1,3	< 1,3

Features

- Maximum Flexibility
- Sealed Housing
- High conversion efficiency
- Excellent beam profile
- 24/7 continuous industrial use

System Dimensions (L x W x H), weight



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