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AMPLICONYX

NEW FRONTIER IN ULTRAFAST LASER PERFORMANCE.

AMPX-PUMP.
unit.XXX

APPLICATIONS

FREQUENCY DOUBLING

SCIENCE

SENSING

RAMAN SPECTROSCOPY

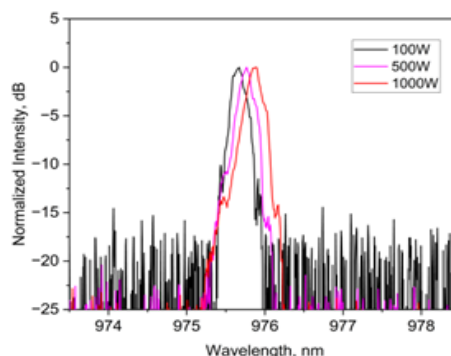
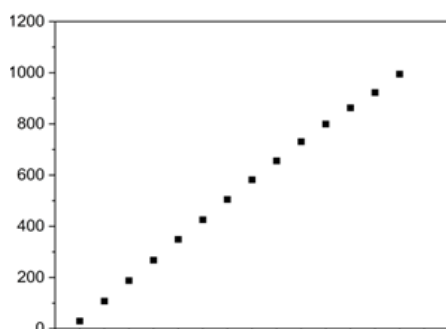
FIBER LASER SEEDING



DESCRIPTION

The AMPX-PUMP.unit.XXX is a high optical power module with fiber output. It provides up to 1 kW of optical power. It can be provided by combining up to 7 high-power laser diodes (up to 130W each) in one fiber. The device must be water-cooled. The "XXX" mean value of optical power, like 130W, 400W, etc.

OVERVIEW, SPECIFICATIONS



KEY FEATURES

Max. Output Power – up to 1 kW

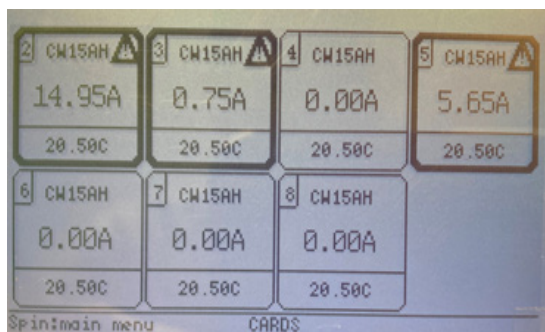
Central Wavelength – 976 ± 0.5 nm

Linewidth (FWHM) – 0.2 nm

The device can be handled by the PC software or by using internal display and input device.

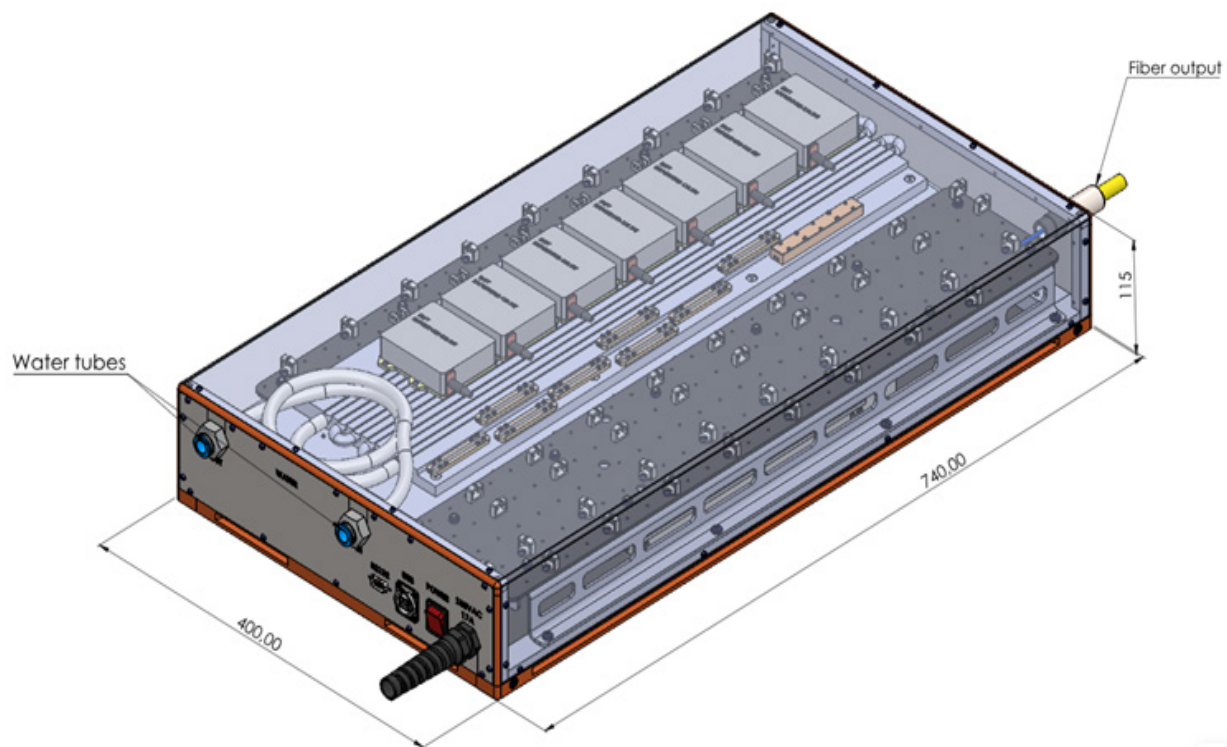


Powerful version of the device can have different view



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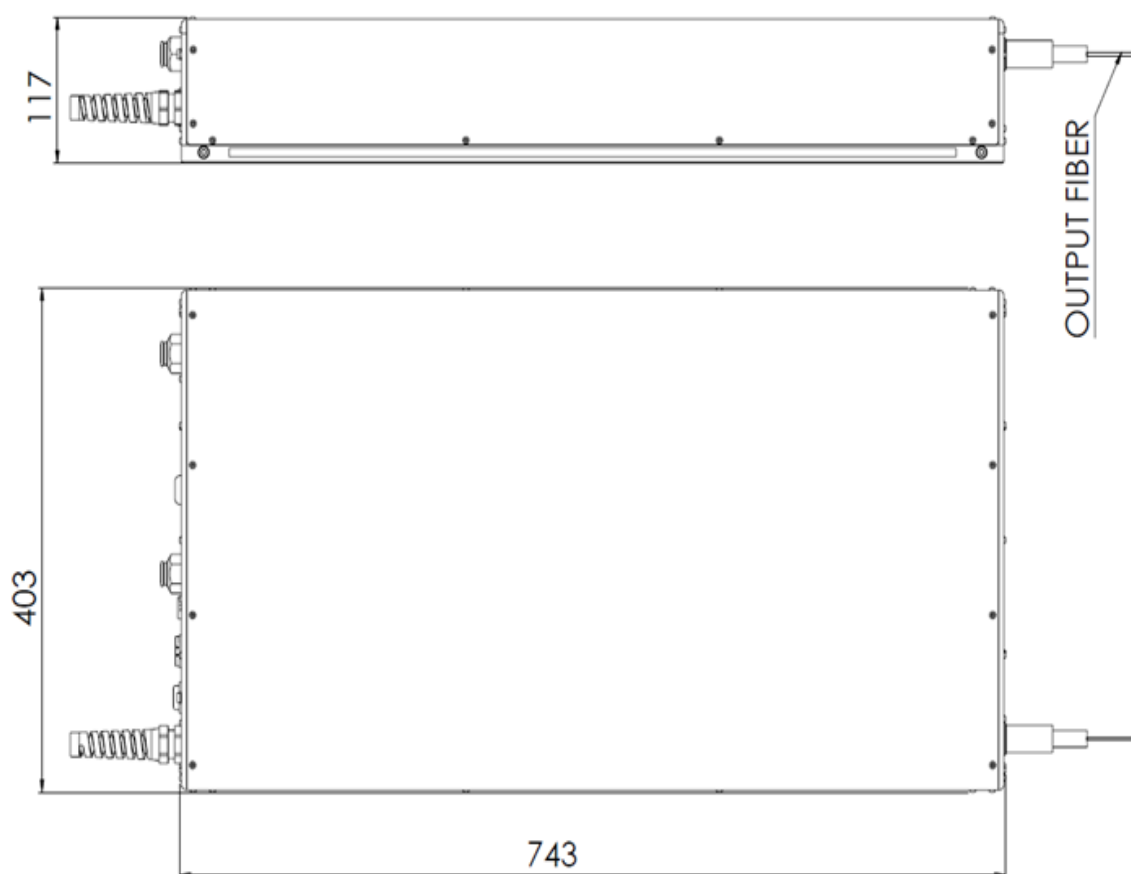
DIMENSIONS



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