

Chromacity 520

520 nm ultrafast source



01 Applications

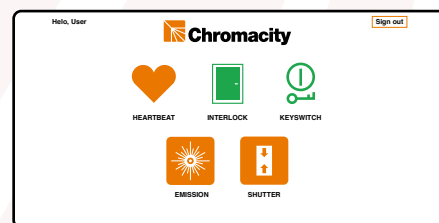
- Pump source for OPO
- Non-linear optics
- Telecoms / quantum imaging
- Photo-dynamic therapy
- Nanophotonics

02 Technical Overview

- Pulse duration < 150 fs
- 1.5 W average power available
- Access to 1040 nm pulses

03 Features & Benefits

- Compact laser housing
- Intuitive web browser interface
- Power efficient laser cavity (low power consumption)

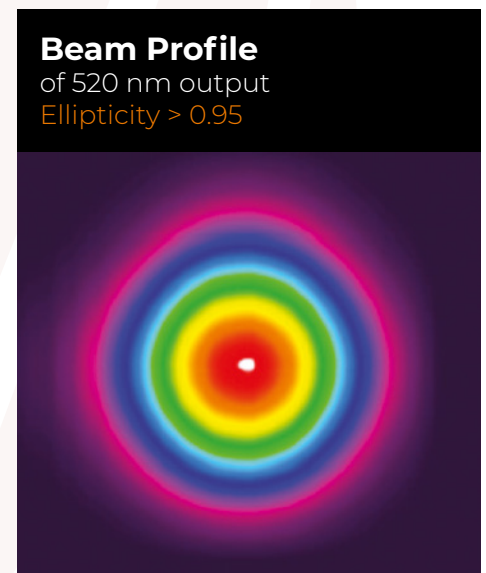
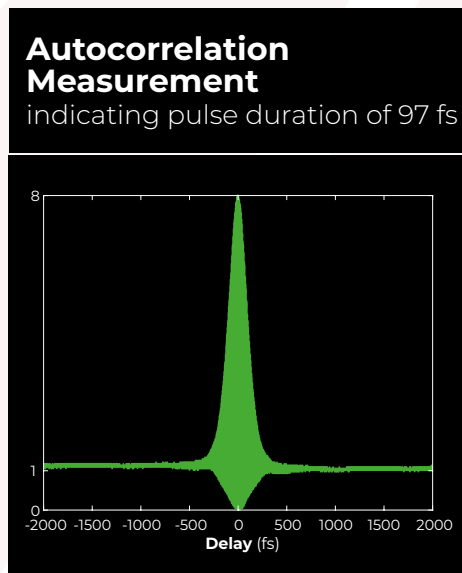
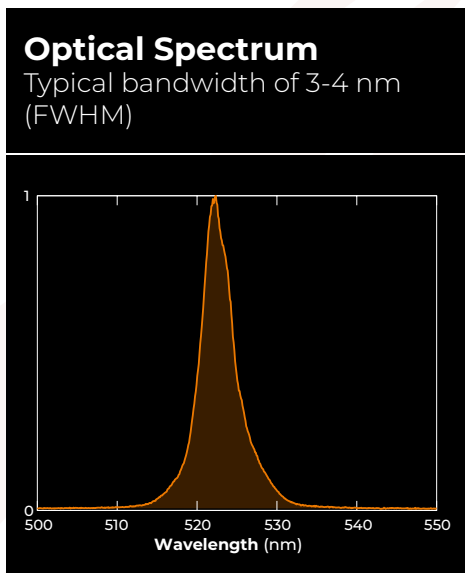
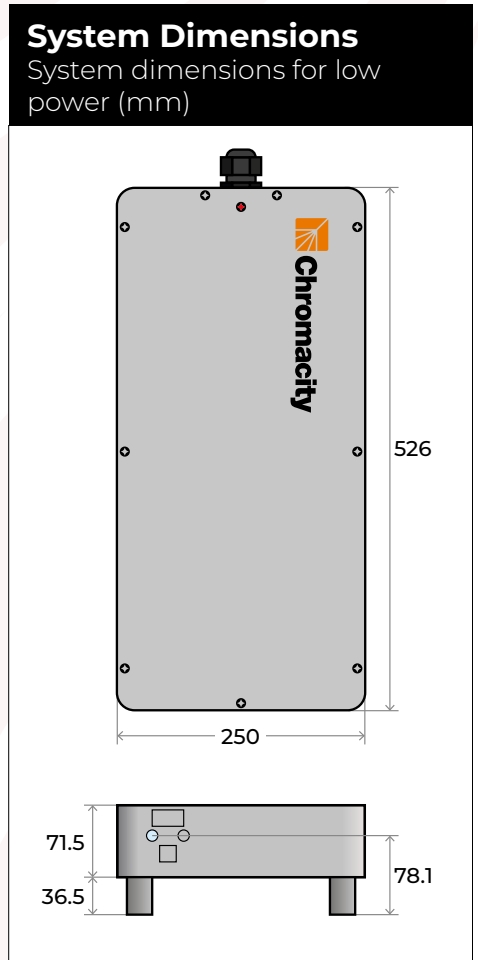


Pumped by a Chromacity 1040 ensures delivery of high quality ultrashort pulses in the green.

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Specifications	Low Power Chromacity 1040 and internal SHG module	High Power Chromacity 1040 and external SHG module
Output power	Up to 500 mW	Up to 1.5 W
Wavelength	520 nm (1040 nm also available)	
Pulse duration	< 150 fs	
Repetition frequency	100 MHz	
Beam parameters	Free space, Linearly polarized Divergence < 2 mrad	
Beam diameter	0.5-1.2 mm	
Control interface	Web browser interface Ethernet & serial port (RS232) also available	
Electrical	Voltage 110 – 240 V AC, Frequency 50 – 60 Hz, Power 80 W	
Dimensions	PSU 483 x 255 x 177 mm	
	Laser head 526 x 250 x 108 mm	Laser head 426 x 250 x 108 mm SHG module 150 x 300 mm



Chromacity follows a policy of continuous improvement, hence specifications are subject to change without notice.

Learn how our ultrafast lasers can enable you to discover more.
For more information, email: sales@chromacitylasers.com

DANGER - INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT

