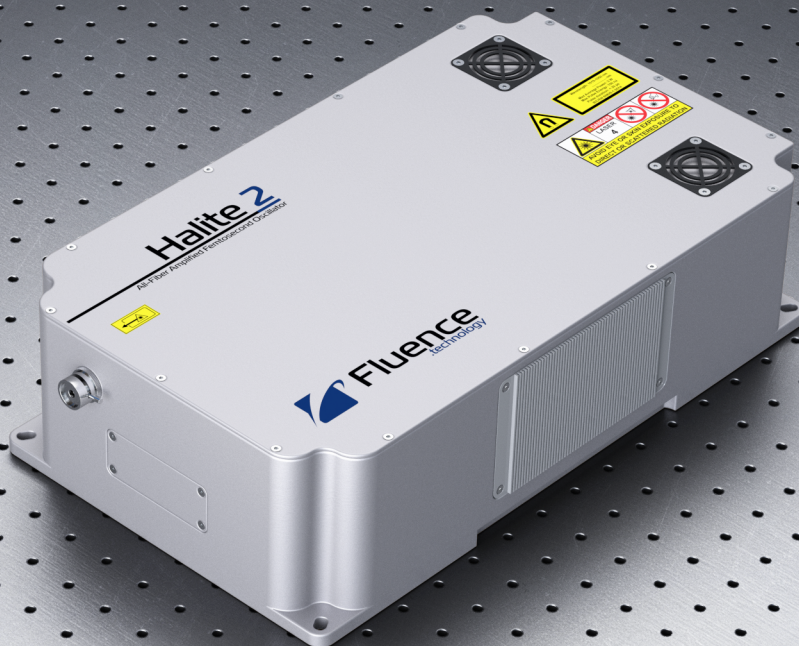


Ultrafast lasers that simply work

FOR INDUSTRY, SCIENCE AND MEDICINE

Halite 2

All-Fiber Amplified Femtosecond Oscillator



Halite is a compact, single-box, all-fiber femtosecond laser, specifically designed to meet the most demanding applications in the field of neuroscience, biophotonics, microscopy and engineering. With pulses as short as 220 fs, average power over 2 W at 1030 nm and option of second harmonic at 515 nm, it is an irreplaceable tool in every lab that needs a reliable, turn-key, ultrafast light source. Thanks to its unique construction and SESAM-free technology it is a cost-effective solution that provides high pulse energy (over 100 nJ) with an excellent beam quality. Halite's industrial design facilitates easy integration with both experimental and commercial systems.

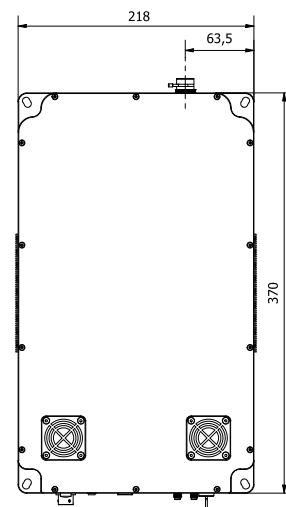
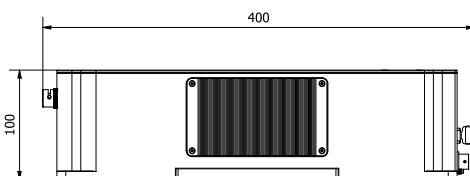
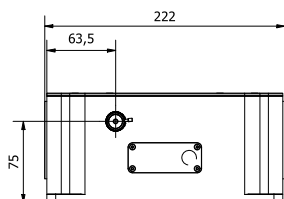
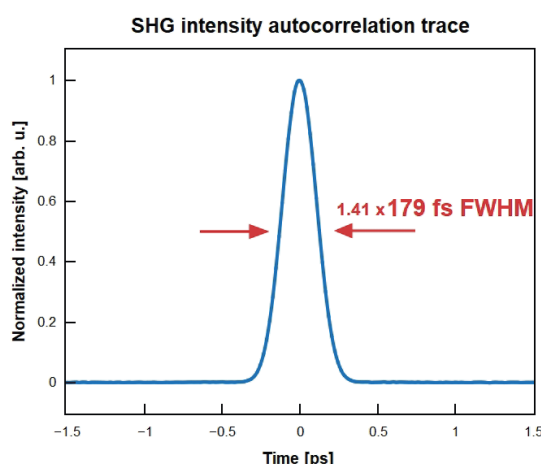
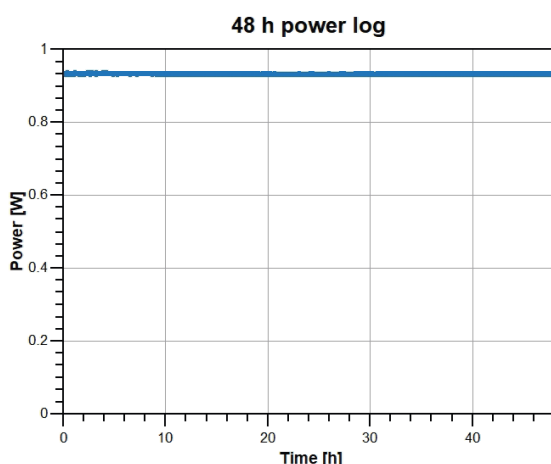
Technical specification:

Maximum average power	>2 W @ 1030 nm
Maximum pulse energy	>100 nJ @ 1030 nm
System base repetition rate	20 ± 2.5 MHz
Pulse duration	<250 fs FWHM (220 fs typ.)
Wavelength	1030 ± 5 nm (515 nm integrated green output option available)
Standard GDD precompensation	from -10 000 up to 50 000 fs ² , factory preset
Computer-controlled motorized GDD precompensation tuning	- optional
Laser control software included	

Not exactly what you are looking for?
Get in touch with us and let us help you out.

Physical specification:

Size	370 (L) x 222 (W) x 102 (H) mm ³
Weight	9 kg
Electrical	100-240 V AC, 50-60 Hz, 80 W adapter power rating
Operating temperature	20-28 °C
Operating humidity	Non-condensing



All specifications are subject to change without prior notice due to continuous improvements.