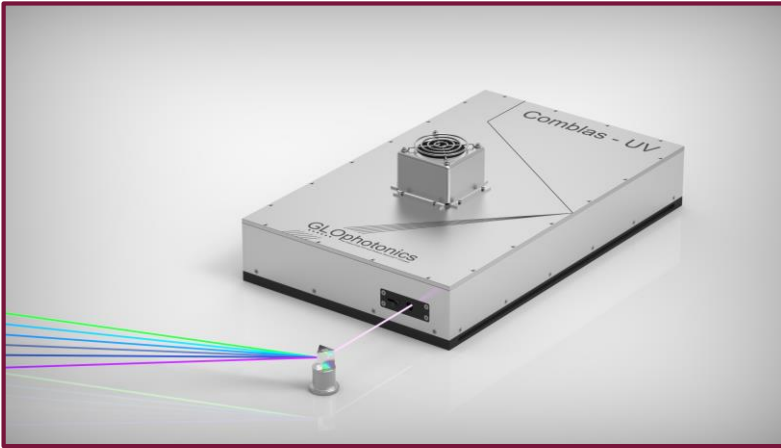


## Comblas-UV

The multi-line laser for UV applications



### Features

- More than 20 lines in 1
- Broadband: 250-400nm
- High power spectral density
- Rack free
- Compact
- Turn key

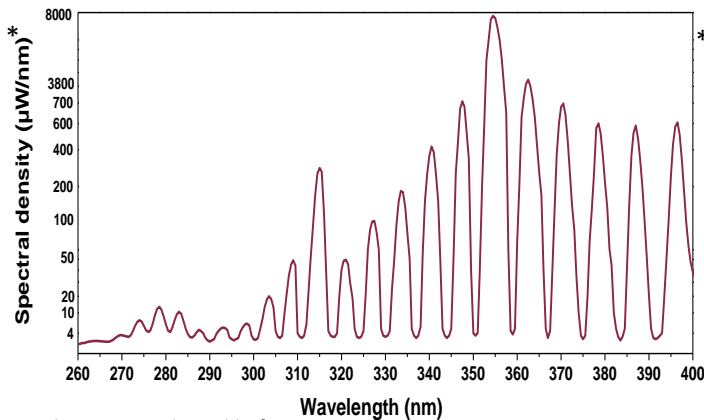
### Applications

- Spectroscopy
- Cytometry
- OCT
- Trace gas analysis
- Forensics
- Bio-imaging

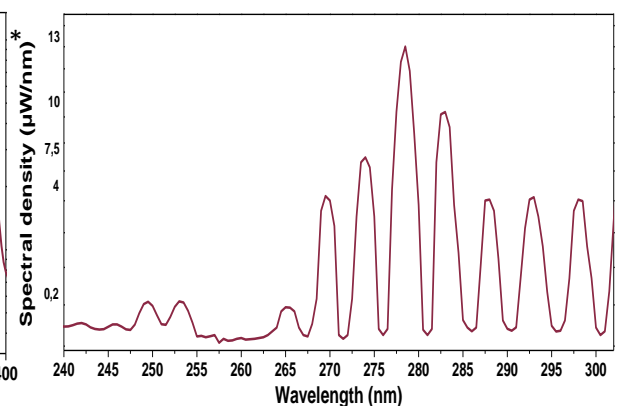


**Your perfect high power spectral density solution for broadband source in UV**

### Broadband 250-400nm



### Zoom 250-300nm



\*Based on a constant linewidth of 0.3 nm

All specifications may be changed without notice

## Optical Specifications

Operating wavelength	249-400 nm									
Total Output Power [249nm;450nm]	16 mW									
Spectral power Density										
<b>Wavelength (nm)</b>	<b>249</b>	<b>253</b>	<b>265</b>	<b>269</b>	<b>273</b>	<b>278</b>	<b>282</b>	<b>287</b>	<b>292</b>	<b>298</b>
μW/nm	0,20	0,20	0,15	4,00	7,50	12,8	9,40	4,00	4,00	4,00
<b>Wavelength (nm)</b>	<b>303</b>	<b>309</b>	<b>315</b>	<b>320</b>	<b>327</b>	<b>333</b>	<b>340</b>	<b>347</b>	<b>355</b>	<b>362</b>
μW/nm	20,0	50,0	300	53,0	105	210	405	700	7 800	3 800
<b>Wavelength (nm)</b>	<b>370</b>	<b>378</b>	<b>387</b>	<b>396</b>						
μW/nm	680	590	585	600						
Repetition rate	10 kHz									
Temporal regime	pulsed									

## Mechanical / Electrical Specification

Operation Voltage	100 – 240 V VAC 50/60Hz
System Cooling	Air Cooled
Operating Temperature	18°C-25°C
Laser Head Dimension	288*470*126 mm
Controller Dimension	21*17*5 mm
Laser Head Weight	11 Kg
Controller Weight	1 Kg

All specifications may be changed without notice