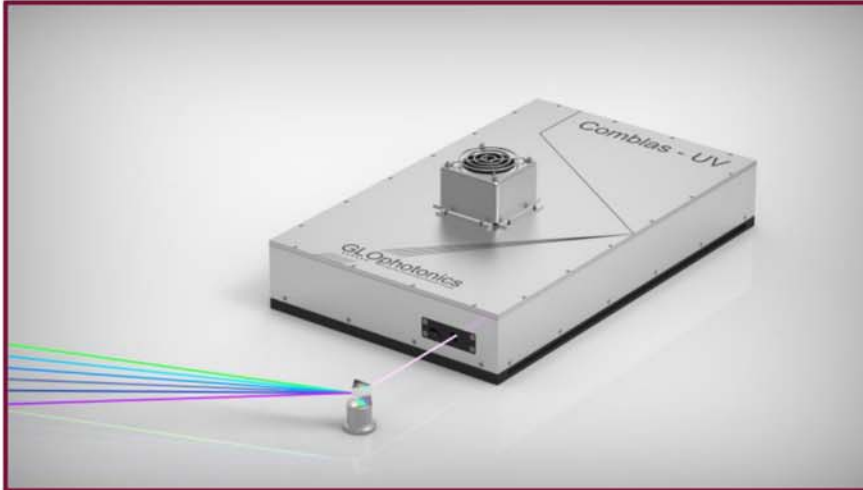


Comblas-UV 紫外激光梳

The multi-line laser for UV applications



Features

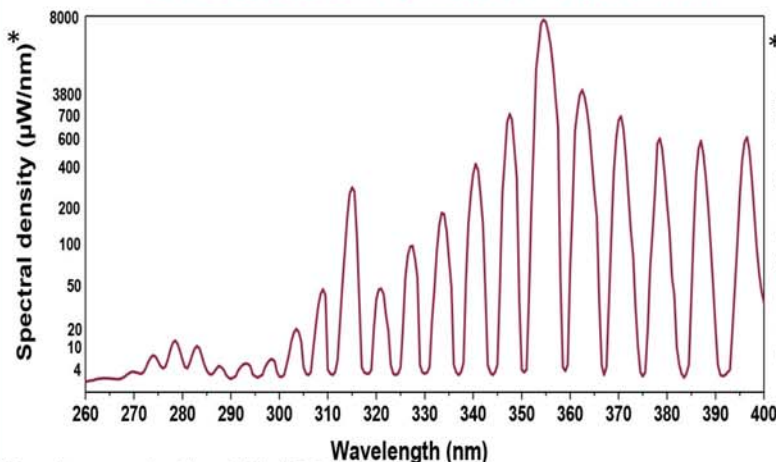
- More than 20 lines in 1
- Broadband: 250-400nm
- High power spectral density
- Rack free
- Compact
- Turn key

Applications

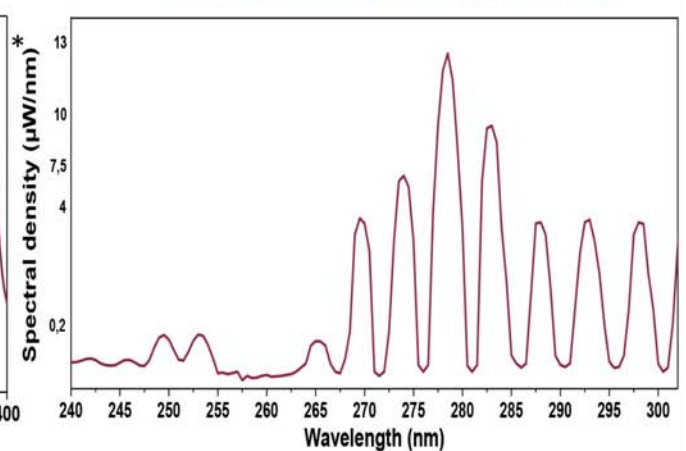
- Spectroscopy
- Cytometry
- OCT
- Trace gas analysis
- Forensics
- Bio-imaging

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									
Wavelength (nm)	249	253	265	269	273	278	282	287	292	298
μW/nm	0,20	0,20	0,15	4,00	7,50	12,8	9,40	4,00	4,00	4,00
Wavelength (nm)	303	309	315	320	327	333	340	347	355	362
μW/nm	20,0	50,0	300	53,0	105	210	405	700	7 800	3 800
Wavelength (nm)	370	378	387	396						
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

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