

190 – 435 nm OEM Spectrometer

FREEDOM UV 190 – 435 nm OEM Spectrometer

Key Benefits



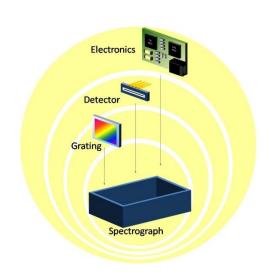
- Small footprint
- Robust and athermal design
- Flexible detector and electronics
- Cost-efficient

Specifications

Parameter	FSU-101	FSV-305	FSV-380
Wavelength range	190 - 435 nm	190 - 435 nm	190 - 435 nm
Numerical aperture	0.16	0.16	0.16
Typical resolution	0.7 nm/FWHM	0.8 nm/FWHM	0.7 nm/FWHM
Stray light	<0.03%	<0.03%	<0.03%
Detector	Hamamatsu S11639 CMOS	Hamamatsu S10420 BT-CCD	Hamamatsu S11156 BT-CCD
Interface		Direct interface to detector pins (optional electronics available)	
Temperature drift		<0.02 nm/Degree C	
Operating temperature range. Non- condensing		-10 to +45 Degree C	
Dimensions		25 mm x 48 mm x 16 mm	

Modular Approach

Ibsen's OEM spectrometers are based on a modular design, whereby customers can choose to buy a complete spectrometer, a spectrograph or simply a spectrometer grating, depending on the approach that they prefer. Furthermore, our spectrometers can be fitted to almost any detector and electronics.



Specifications are subject to change without notice.

