

360 - 830 nm OEM Spectrometer

FREEDOM VIS 360 – 830 nm OEM Spectrometer

Key Benefits



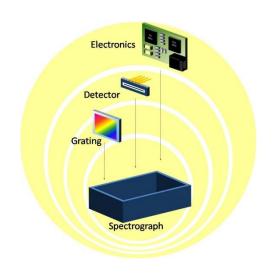
- Small footprint
- · Robust and athermal design
- Flexible detector and electronics
- Cost-efficient

Specifications

Parameter	FSV-101	FSV-305	FSV-380
Wavelength range	360 - 830 nm	360 - 830 nm	360 - 830 nm
Numerical aperture	0.16	0.16	0.16
Typical resolution	1.3 nm/FWHM	1.8 nm/FWHM	1.3 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.

